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                    GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on:     November 10, 2005, 07:47:55 ; Search time 192 Seconds
                                (without alignments)
                                11735.172 Million cell updates/sec

Title:           US-10-009-852-15
Perfect score:   1377
Sequence:        1 atggtcagctactggacac.........ccctgtcccgggtaaatga 1377

Scoring table:   IDENTITY_NUC
                 Gapop 10.0 , Gapext 1.0

Searched:        1202784 seqs, 81813159 residues

Total number of hits satisfying chosen parameters:     2405568

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :    Issued Patents NA:*
         1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
         2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
         3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
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         5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
         6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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SUMMARIES

Result No.	Score	% Query Match	Query Length	DB	ID	Description
1	1377	100.0	1377	4	US-09-773-877B-25	Sequence 25, Appl
2	1328.4	96.5	1453	4	US-09-773-877B-21	Sequence 21, Appl
3	1049.2	76.2	1444	4	US-09-773-877B-23	Sequence 23, Appl
4	1039	75.5	1359	4	US-09-773-877B-15	Sequence 15, Appl
5	1032.4	73.5	1389	4	US-09-773-877B-17	Sequence 17, Appl
6	987.4	71.7	1674	4	US-09-773-877B-13	Sequence 13, Appl
7	982.4	71.3	1704	4	US-09-773-877B-19	Sequence 19, Appl
8	980.8	71.2	1704	4	US-09-773-877B-11	Sequence 11, Appl
9	686	49.8	2043	3	US-08-227-496C-14	Sequence 14, Appl
10	684	49.7	705	3	US-09-023-655-1223	Sequence 1223, Ap
11	684	49.7	1019	3	US-09-178-869-1	Sequence 1, Appli
12	684	49.7	1019	4	US-09-761-413-1	Sequence 1, Appli
13	684	49.7	1182	3	US-09-180-100-18	Sequence 18, Appl
14	684	49.7	1428	1	US-08-488-376-19	Sequence 19, Appl
15	684	49.7	1428	2	US-08-634-223-19	Sequence 19, Appl
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24	684	49.7	1431	4	US-08-487-550-11	Sequence 11, Appli
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37	684	49.7	1599	4	US-09-023-655-1120	Sequence 1120, Ap
38	684	49.7	1617	2	US-09-378-939-9	Sequence 9, Appli
39	684	49.7	1720	4	US-09-746-359A-52	Sequence 52, Appli
40	684	49.7	1869	4	US-09-499-846-1	Sequence 1, Appli
41	684	49.7	3477	4	US-09-313-942-25	Sequence 25, Appli
42	684	49.7	3507	4	US-09-313-942-23	Sequence 23, Appli
43	684	49.7	9209	1	US-08-149-099C-3	Sequence 3, Appli
44	684	49.7	9209	1	US-08-476-275-2	Sequence 2, Appli
45	684	49.7	9209	2	US-08-478-967A-3	Sequence 3, Appli

ALIGNMENTS

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RESULT 1
US-09-773-877B-25
; Sequence 25, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE: 2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
;  SEQ ID NO 25
;  LENGTH: 1377
;  TYPE: DNA
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: VEGFR1R2.FcdeltaC1(a) Receptor
;  NAME/KEY: CDS
;  LOCATION: (1)..(1377)
US-09-773-877B-25

Query Match             100.0%;  Score 1377;  DB 4;  Length 1377;
Best Local Similarity   100.0%;  Pred. No. 0;
Matches 1377;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

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Qy        61 ACAGGATCCAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
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Db        61 ACAGGATCCAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120

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Qy       241 CGCATAATCTGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 300
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;  GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE: 2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
;  SEQ ID NO 21
;  LENGTH: 1453
;  TYPE: DNA
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Flt1D2.FlkID3.FcdeltaC1(a)Receptor
;  NAME/KEY: CDS
;  LOCATION: (69)..(1442)
;  US-09-773-877B-21

Query Match       96.5%;       Score 1328.4;       DB 4;       Length 1453;
Best Local Similarity       98.6%;       Pred. No. 0;
Matches 1367;       Conservative       0;       Mismatches       1;       Indels       18;       Gaps       2;
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Db     780 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA      839
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US-09-773-877B-21
;  Sequence 21, Application US/09773877B
;  Patent No. 6833349
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Qy 1072  CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131
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Db 1200  TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1259

Qy 1192  CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
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Db 1260  CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1319

Qy 1252  TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
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Db 1320  TATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1379

Qy 1312  GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371
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Qy 1372  AAATGA 1377
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Db 1440  AAATGA 1445
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Query Match 76.2%;   Score 1049.2;   DB 4;   Length 1444;
Best Local Similarity 86.7%;   Pred. No. 6.7e-271;
Matches 1201;   Conservative 0;   Mismatches 158;   Indels 27;   Gaps 3;

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Db    352 CATGACAAACCAATACAATCATAGATGTCCAAATAAGCACCACCGCCAGTCAAATTA   411

Qy    421 TCTGTTGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAAATGTGGGGAT 480
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Db    412 CTTAGAGGCCATACTCTGTCTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGAGTT 471

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Db    472 CAAATGACCAGTCTGGGAGTTGGAGTTACCCTGAGATGAAATTTCCATGCCAACATATTC 531

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Qy    661 AAGAACAGACACATTTGTCAGGTCCATGAAAAGACAAAACTCACACATGCCCACCGTGC 720
          |   |     |   |||  |  | ||  ||  ||  ||||  ||||||||||||| |||
Db    643 GATAAAGCAGGCCCGGCCCAAATCTTGTGACAAAATCTTGTGACAAAACTCACACATGCCCACCGTGC 702

Qy    721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGAC 780
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    703 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGAC 762

Qy    781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    763 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 822

Qy    841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    823 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 882

Qy    901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    883 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 942

Qy    961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    943 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1002

Qy   1021 GCCCCCATCGAGAAAACCATCTCAAAGCCAAAGGGCAGCCCGAGAACCACAGGTGTAC 1080
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1003 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCGAGAACCACAGGTGTAC 1062

Qy   1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAAGTCAGCCTGACCTGCCTGGTC 1140
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1063 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAAGTCAGCCTGACCTGCCTGGTC 1122

Qy   1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1123 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1182

Qy   1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1183 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1242

Qy   1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1243 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1302

Qy   1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1303 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1359
```

RESULT 5
US-09-773-877B-17
; Sequence 17, Application US/09773877B
; Patent No. 6833349

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Db   1131 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGTCAGCCTGACC 1190
Qy   1131 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191
Db   1191 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1250
Qy   1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
Db   1251 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1310
Qy   1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
Db   1311 TATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1370
Qy   1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371
Db   1371 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1430
Qy   1372 AAATGA 1377
Db   1431 AAATGA 1436
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RESULT 4
US-09-773-877B-15
; Sequence 15, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 1359
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(2-3 deltaB)-Fc(Mut2)
; NAME/KEY: CDS
; LOCATION: (1)..(1359)
US-09-773-877B-15

Query Match   75.5%; Score 1039; DB 4; Length 1359;
Best Local Similarity   86.3%; Pred. No. 3.5e-268;
Matches 1189; Conservative 0; Mismatches 170; Indels 18; Gaps 3;

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Qy      1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCCCTGCTCAGCTGTCTGCTTCTC 60
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCCCTGCTCAGCTGTCTGCTTCTC 60

Qy     61 ACAGGATCTAGTTCCGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
          |||||||||||||||||||            ||||||||||||||||||||||||
Db     61 ACAGGATCTAGTTCCGGA--------GGTAGACCTTTCGTAGAGATGTACAGTGAAATC 111

Qy    121 CCGGAAATTATACACATGACTGAAGGAGGAGGTCGTCATTCCCTGCCGCGGGTTACGTCA 180
          |||||||||||||||||||||||||||||||||||| |||||||||||||||||||||
Db    112 CCGGAAATTATACACATGACTGAAGGAGGAGGTCGTCATTCCCTGCCGCGGGTTACGTCA 171

Qy    181 CCTAACACTACTGTTACTTTAAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGAAAA 240
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    172 CCTAACACTACTGTTACTTTAAAAAAAGTTTCCACTTGATCCCTGATGAAAA 231

Qy    241 CGCATAATCTGGAGCAGTAGAAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 300
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    232 CGCATAATCTGGAGCAGTAGAAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 291

Qy    301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGACGATTGTATAAAGACAAACTATCTCACA 360
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    292 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGACGATTGTATAAAGACAAACTATCTCACA 351
```

```
; GENERAL INFORMATION:
;   APPLICANT: Xia, Yu-Ping et al.
;   TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;   FILE REFERENCE: REG 710b
;   CURRENT APPLICATION NUMBER: US/09/773,877B
;   CURRENT FILING DATE: 2001-01-31
;   NUMBER OF SEQ ID NOS: 27
;   SOFTWARE: PatentIn version 3.0
;   SEQ ID NO 17
;     LENGTH: 1389
;     TYPE: DNA
;     ORGANISM: Artificial Sequence
;     FEATURE:
;       OTHER INFORMATION: Flt1(2-3)-Fc (Mut3)
;     NAME/KEY: CDS
;       LOCATION: (1)..(1389)
US-09-773-877B-17

Query Match        75.0%;    Score 1032.4;   DB 4;   Length 1389;
Best Local Similarity   85.5%;   Pred. No. 2.1e-266;
Matches 1201;   Conservative  0;   Mismatches 161;   Indels  42;   Gaps   3;

Qy    1 ATGGTCAGCTACTGGGACACCGGGTCCTGTGTGCGCGCTGTCAGCTGTCGCTTCTC   60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 ATGGTCAGCTACTGGGACACCGGGTCCTGTGTGCGCGCTGTCAGCTGTCGCTTCTC   60

Qy   61 ACAGGATCAGTTCCGGAAGTGCATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC  120
        ||||||||||||||||        |||||||||||||||||||||||||||||||
Db   61 ACAGGATCAGTTCCGGA--------GGTAGACCTTTCGTAGAGATGTACAGTGAAATC  111

Qy  121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA  180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  112 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA  171

Qy  181 CCTAACATCACTGTTACTTTAAAAAAGTTCCACTTGACACTTTGATCCCTGATGGAAAA   240
        |||||||||||||||||||||||||||||||||| ||||||||||||||||||||||||
Db  172 CCTAACATCACTGTTACTTTAAAAAAGTTCCACTTTGACACTTTGATCCCTGATGGAAAA  231

Qy  241 CGCATAAATCTGGGACAGTAGAAAGGCTTCATCATCATCAAATGCAACGTACAAAGAAATA  300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  232 CGCATAAATCTGGGACAGTAGAAAGGCTTCATCATCATCAAATGCAACGTACAAAGAAATA  291

Qy  301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA  360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  292 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA  351

Qy  361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA  420
        ||||||||||||||||||||||||||||| ||
Db  352 CATCGACAAACCAATACAATCATAGATGTTCCAAATAAGCACACCAGCGCCCAGTCAATTA  411

Qy  421 TCTGTTGGAGAAAAGTCTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480
         ||  | | ||||| ||||| |||||||||| || |||| ||   ||| | ||||| ||
Db  412 CTTAGAGGCCATACTCTTGTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGAGTT  471

Qy  481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTGTAAACCGAGAC   540
        ||   | ||||| | ||||||      |||||| | || ||||| | |||||| ||||
Db  472 CAAATGACCTGGAGTTACCCT------GATGAAAAAATAAGAGAGCTTCCGGAAGGCGA   525

Qy  541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGT  600
          ||| | |||    |  ||||||||||||||||  |||| ||  |||||| ||  |||
Db  526 CGAATTGACCAAAGCAATTCCCATGCCAACATATTCTACAGTGTTCTTACTATTGACAAAA  585

Qy  601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG  660
          ||||   ||| |||||||| |||| | ||||||| |||||||||  || |||||||||
Db  586 ATGCAGAACAAAGACAAAGGACTTTATCTTGTCGTGGTAAGGAGTGGACCATCATTCAAA  645

Qy  661 AAGAACAGCACATTTGTCAGGGTCCATGAAA-------------------G          693
         ||| |   |||  || |||||| ||          |||||||
Db  646 TCTGTTAACACCTCAGTGCATATATATATGATAAAGAGGCCCGGGCGAGCCCAAATCTTGT  705

Qy  694 GACAAAACTCACACATGCCCACCGTGCCCAGCAACCTCCGGGGGACCGTCAGTC        753
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  706 GACAAAACTCACACATGCCCACCGTGCCCAGCAACCTCCGGGGGACCGTCAGTC        765

Qy  754 TTCCTCTTCCCCCCAAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA  813
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  766 TTCCTCTTCCCCCCAAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA  825

Qy  814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC  873
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  826 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC  885

Qy  874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC  933
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  886 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC  945

Qy  934 CGTGTGGTGAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG  993
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  946 CGTGTGGTGAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 1005

Qy  994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1006 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1065

Qy 1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1066 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1125

Qy 1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1126 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1185

Qy 1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1186 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1245

Qy 1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1246 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1305

Qy 1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1306 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1365

Qy 1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
        ||||||||||||||||||||||||
Db 1366 CTCTCCCTGTCTCCGGGTAAATGA 1389


RESULT 6
US-09-773-877B-13
; Sequence 13, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;   APPLICANT: Xia, Yu-Ping et al.
;   TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;   FILE REFERENCE: REG 710b
;   CURRENT APPLICATION NUMBER: US/09/773,877B
;   CURRENT FILING DATE: 2001-01-31
;   NUMBER OF SEQ ID NOS: 27
;   SOFTWARE: PatentIn version 3.0
;   SEQ ID NO 13
;     LENGTH: 1674
;     TYPE: DNA
;     ORGANISM: Artificial Sequence
;     FEATURE:
;       OTHER INFORMATION: Flt1(1-3 deltaB) (Mut 1)
;     NAME/KEY: CDS
;       LOCATION: (1)..(1674)
US-09-773-877B-13

Query Match        71.7%;    Score 987.4;   DB 4;   Length 1674;
Best Local Similarity   86.1%;   Pred. No. 2.6e-254;
Matches 1119;   Conservative  0;   Mismatches 171;   Indels  9;   Gaps   2;

Qy   79 AGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCGAAATTATACACATG  138
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us-10-009-852-15.rni

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Db   1456  GACATCCGTGAGTGGGAGGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCT  1515

Qy   1219  CCCGTGCTGGACTCCGACGGCTCCTTCTTCTCCTTCTCCTACACGCAAGCTCACCGTGGACAAGAGC  1278
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1516  CCCGTGCTGGACTCCGACGGCTCCTTCTTCTCCTTCTCCTACACAGCAAGCTCACCGTGGACAAGAGC  1575

Qy   1279  AGGTGGCAGCAGGGAACGTCTTCTTCATGTCCGTGATGCATGAGGGCTCGCACAACCAC  1338
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1576  AGGTGGCAGCAGGGAACGTCTTCTTCATGTCCGTGATGCATGAGGGCTCCTGCAACCAC  1635

Qy   1339  TACACCGAGAGAGAGCCTCTCCCTGTCTCCGGGTAAATGA  1377
           ||||||||||||||||||||||||||||||||||||||||
Db   1636  TACACCGAGAAGAGAGCCTCTCCCTGTCTCCGGGTAAATGA  1674
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RESULT 7
US-09-773-877B-19
; Sequence 19, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 1704
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3 R->N) (Mut 4)
; NAME/KEY: CDS
; LOCATION: (1)..(1704)
US-09-773-877B-19

Query Match   71.3%;   Score 982.4; DB 4; Length 1704;
Best Local Similarity   85.4%;   Pred. No. 5.7e-253;
Matches 1132; Conservative 0; Mismatches 161; Indels 33; Gaps 2;

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Qy     79  AGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCGAAATTATACACATG  138
           |||||||||||||||||    |||||     |||||||||||||||||||||||||||||
Db    385  AGTGATACAGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCGAAATTATACACATG  444

Qy    139  ACTGAAGGAAGGGAGCTCGTCATTCCCGCGGGTTACGTCGCTAACATCACTGTTACT  198
           |||||||||||||||||||||||||||||    ||||||||||||||||||||||||||
Db    445  ACTGAAGGAAGGGAGCTCGTCATTCCCGCCGGGTTACGTCGCTAACATCACTGTTACT  504

Qy    199  TTAAAAAGTTCCACTTGACACTTGATCCCTGATGGAAAACGCATATCTCGGGACAGT  258
           ||||||||||||||||||    ||||||||||||||||||||||||||||||||||||
Db    505  TTAAAAAGTTCCACTTGACACTTGATCCCTGATGGAAAACGCATATCTCGGGACAGT  564

Qy    259  AGAAAGGGCTTCATCATACAAATGCAACGTACAAAGAAATAGGGCTTCGACCTGTGAA  318
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    565  AGAAAGGGCTTCATCATACAAATGCAACGTACAAAGAAATAGGGCTTCGACCTGTGAA  624

Qy    319  GCAACAGTCAATGGCATTTGTGATCCGTCTCATGAATCGCCAGTCAAACTAGACAAACCAATACA  378
           |||||||||||||||||||||||     |||||||||||||||||||||||||||||||||||||
Db    625  GCAACAGTCAATGGCATTTGTGATAAGAGACCATCTCACACACTGAACACGAGAGTTCAAATGACCTGGAGTTAC  684

Qy    379  ATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTATCGTTGTTGGAGAAAAGCTT  438
           ||||||||||||||||||||||||||||||||||||||||||||||    |||||||||||||
Db    685  ATCATAGATGTCCAAATAAGCACACCACGACCATCTGGCAAATTACTTTAGAGGCCATACTCTT  744

Qy    439  GTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGATTGACTTCAACTGGGAATAC  498
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    745  GTCCTCAATTGTACTGTCGCATAAGAAACTTGTAACCGAGACCTGGAGTTAC  804

Qy    499  CCTTCTTCGAAGCATCAGCATAAGAAACGCTTCCGTAAGGGCGACGAATTGACCCAGTCTCGGG  558
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||   
Db    805  CCTGATGAAAAATAAGAAGAAAATAAGACGCTTCCGTAAGGGCGACGAATTGACCCAGTCAATTC----  860
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; SEQ ID NO 11
; LENGTH: 1704
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3)-Fc
; NAME/KEY: CDS
; LOCATION: (1)..(1704)
US-09-773-877B-11

Query Match          71.2%;   Score 980.8; DB 4;   Length 1704;
Best Local Similarity 85.3%;  Pred. No. 1.5e-252;
Matches 1131;  Conservative  0;  Mismatches 162;  Indels 33;  Gaps 2;
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Qy   79 AGTGAGATGAAGAAGTTTTGAGCACTTGTGAGAGATGGTGTAACCCGGAGTGACCATG  138
         |||||||||  ||  ||  | ||||||    |||||   ||||||||||||||||||||
Db  385 AGTGAGATACAGGTAGACCTTTCGTGAGAGATGTACAGTGAAATTATACACATG  444

Qy  139 ACTGAGGAAGGGAGCTCGTCATTCCCTGCGGGTTACGTCACCTAACATCACTGTTACT  198
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  445 ACTGACGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCACCTAACATCACTGTTACT  504

Qy  199 TTAAAAAGTTTCCACTTGACACTTGATCCTGAATGGAAAACGCATAATCTGGGACAGT  258
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  505 TTAAAAAGTTTCCACTTGACACTTTGATCCTGAATGGAAAACGCATAATCTGGGACAGT  564

Qy  259 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTCGACCTGTGAA  318
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  565 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTCGACCTGTGAA  624

Qy  319 GCAACAGTCAATGGCATTTGTATAGACAAACATCTCACACATGCGACAAACCAATACA  378
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  625 GCAACAGTCAATGGCATTTGTATAAGACAAACATCTCACACATCGACAAACCAATACA  684

Qy  379 ATCATAGATGTGTTCTGAGTCCGTCTCATGAGTTGAACTATCTGTTGGAGAAAAGCTT  438
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  685 ATCATAGATGTCCAAATAAGCACACCACGCCCAGTCAAATTACTTAGAGGCCATACTCTT  744

Qy  439 GTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGATTGACTTCAACTGGGAATAC  498
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  745 GTCCCAATTGTACTGTCTACCACTCCCTTGACACGAGAGTTCAAATGACCTGGAGTTAC  804

Qy  499 CCTTCTTCGAAGCATCAGCATGAAGAAACTTGTAAACCAGTCTAAAAACCAGTCTGGG  558
         ||||||||||||||||||||||||  |||||||||||||||||||||||||||||||
Db  805 CCT------GATGAAAAAAATAGAGACGCTTCGTAAGGCGACGAATTGACCAAAGCAAT  858

Qy  559 AGTGAGATGAAGAAGTTTTGAGCACTTAACTATAGATGGTGTAACCCGGAGTGACCAA  618
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  859 AGTGAGATGAAGAAGTTTTGAGCACTTAACTATAGATGGTGTAACCCGGAGTGACCAA  918

Qy  619 GGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAGAACAGCACATTTGTC  678
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  919 GGACTTTATACTTGTGCGTGTAAGGAGTGGACCATCCAATCTCAAATCTGTTAACACCTCAGTG  978

Qy  679 AGGGTCCATGAAAA------------GGACAAAACTCACACATGC  711
         |||||||||||                   || ||  |||||||||
Db  979 CATATATGATAAGACAGGCCCGGGCGAGCCCAAATCTTGTGACAAAACTCACACATGC 1038

Qy  712 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAA  771
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1039 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAA 1098

Qy  772 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG  831
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1099 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG 1158

Qy  832 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT  891
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1159 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 1218

Qy  892 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC  951
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1219 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 1278

Qy  952 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1011
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1279 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1338

Qy 1012 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1071
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1339 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1398

Qy 1072 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1399 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1458

Qy 1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1459 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1518

Qy 1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
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Db 1519 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1578

Qy 1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1579 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1638

Qy 1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1639 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1698

Qy 1372 AAATGA 1377
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Db 1699 AAATGA 1704
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RESULT 8
US-09-773-877B-11
; Sequence 11, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
```

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 ;    TELEFAX:  (203) 812-5492
 ;  INFORMATION FOR SEQ ID NO: 14:
 ;    SEQUENCE CHARACTERISTICS:
 ;      LENGTH:  2043 bp
 ;      TYPE:  nucleic acid
 ;      STRANDEDNESS:  single
 ;      TOPOLOGY:  linear
 ;    MOLECULE TYPE:  other nucleic acid
 ;    HYPOTHETICAL:  no
 ;    ANTI-SENSE:  no
 ;    FEATURE:
 ;      NAME/KEY:  tICAM(453)/IgG fusion
 ;      OTHER INFORMATION:  bp 1-1359 = nucleotides coding
 ;      OTHER INFORMATION:  for amino acid residues 1-453 of ICAM-1; bp 1360-
 ;      OTHER INFORMATION:  2040 = nucleotides coding for amino acid residues
 ;      OTHER INFORMATION:  216-442 of human heavy chain IgG1; bp 2401-2043 =
 ;      OTHER INFORMATION:  stop codon
 ;  US-08-227-496C-14
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Query Match             49.8%;  Score 686;  DB 3;  Length 2043;
Best Local Similarity   95.9%;  Pred. No. 1.6e-173;
Matches  704;  Conservative   0;  Mismatches   30;  Indels   0;  Gaps   0;

Qy  644 GTGGGCTGATGACCAAGAAGAACAGCACATTTGTCAGGTTCATGAAAAGACAAAACTC 703
        |||||| || |||||||||||||||||||||||||||||| || ||||||||||||||
Db 1310 GGGAGGTCACCCGCAAGGTGACCTGAATGTGCTCTCCCCCCGGTATGAGACAAAACTC 1369

Qy  704 ACACATGCCAACCGTGCCCAGACCTGAACTCTGGGGGACCGTCAGTCTTCCTCTTCC 763
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1370 ACACATGCCAACCGTGCCCAGACCTGAACTCTGGGGGACCGTCAGTCTTCCTCTTCC 1429

Qy  764 CCCAAAACCCAAGGACACCCCTCATGATCTCCCGGACACCCTGAGGTCACATGCGTGGTGG 823
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1430 CCCAAAACCCAAGGACACCCCTCATGATCTCCCGGACACCCTGAGGTCACATGCGTGGTGG 1489

Qy  824 TGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGG 883
        ||||||||||||||| ||||||||||||||||||||||||||||||||||||||||||||
Db 1490 TGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGG 1549

Qy  884 TGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCA 943
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1550 TGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGGGTGGTCA 1609

Qy  944 GCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCT 1003
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1610 GCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCT 1669

Qy 1004 CCAACAAAGCCCTCCCAGCCCCCATCCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCC 1063
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1670 CCAACAAAGCCCTCCCAGCCCCCATCCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCC 1729

Qy 1064 GAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCA 1123
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1730 GAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCA 1789

Qy 1124 GCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCA 1183
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1790 GCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCA 1849

Qy 1184 ATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCT 1243
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1850 ATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCT 1909

Qy 1244 TCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCT 1303
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1910 TCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCT 1969

Qy 1304 CATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGT 1363
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1970 CATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGT 2029

Qy 1364 CTCCGGGTAAATGA 1377
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Qy  952 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1011
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1279 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1338

Qy 1012 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1071
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1339 GCCCTCCCAGCCCCCATGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1398

Qy 1072 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1399 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1458

Qy 1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1459 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1518

Qy 1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1519 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1578

Qy 1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1579 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1638

Qy 1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1639 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1698

Qy 1372 AAATGA 1377
        ||||||
Db 1699 AAATGA 1704
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RESULT 9
US-08-227-496C-14
 ;  Sequence 14, Application US/08227496C
 ;  Patent No. 6130202
 ;  GENERAL INFORMATION:
 ;    APPLICANT:  Greve, Jeffrey M.
 ;    APPLICANT:  McClelland, Alan
 ;    TITLE OF INVENTION:  Multimeric Forms of Human
 ;    TITLE OF INVENTION:  Rhinovirus Receptor Protein
 ;    NUMBER OF SEQUENCES:  20
 ;    CORRESPONDENCE ADDRESS:
 ;      ADDRESSEE:  Bayer Corporation
 ;      STREET:  400 Morgan Lane
 ;      CITY:  West Haven
 ;      STATE:  Connecticut
 ;      COUNTRY:  USA
 ;      ZIP:  06516
 ;    COMPUTER READABLE FORM:
 ;      MEDIUM TYPE:  diskette, 1.44 Mb storage
 ;      COMPUTER:  Dell OptiPlex GX1
 ;      OPERATING SYSTEM:  Windows 95
 ;      SOFTWARE:  WordPerfect 8.0 for Windows
 ;    CURRENT APPLICATION DATA:
 ;      APPLICATION NUMBER:  US/08/227,496C
 ;      FILING DATE:  04/14/94
 ;      CLASSIFICATION:  514
 ;    PRIOR APPLICATION DATA:
 ;      APPLICATION NUMBER:  07/903,069
 ;      FILING DATE:  06/22/92
 ;      APPLICATION NUMBER:  07/704,984
 ;      FILING DATE:  05/24/91
 ;      APPLICATION NUMBER:  07/556,238
 ;      FILING DATE:  07/20/90
 ;    ATTORNEY/AGENT INFORMATION:
 ;      NAME:  Barbara A. Shimei
 ;      REGISTRATION NUMBER:  29,862
 ;      REFERENCE/DOCKET NUMBER:  MTI 214.2C
 ;    TELECOMMUNICATION INFORMATION:
 ;      TELEPHONE:  (203) 812-2786
```

Db 2030 CTCCGGGTAAATGA 2043

RESULT 10
US-09-023-655-1223
; Sequence 1223, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1223:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 705 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g243865
US-09-023-655-1223

Query Match   49.7%; Score 684; DB 4; Length 705;
Best Local Similarity 100.0%; Pred. No. 3.4e-173; Indels 0; Gaps 0;
Matches   684; Conservative   0; Mismatches   0;

Qy   694 GACAAAACTCACACATGCCACCGTGCCCAGCACCTGAACTCCTGGGGGGGACCGTCAGTC 753
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   5 GACAAAACTCACACATGCCACCGTGCCCAGCACCTGAACTCCTGGGGGGGACCGTCAGTC 64

Qy   754 TTCCTTCTTCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   65 TTCCTTCTTCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 124

Qy   814 TGCGTGGTCGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
          ||||||||| ||||||||||||||||||||||||||||||||||||||||||||||||||
Db   125 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 184

Qy   874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   185 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 244

Qy   934 CGTGTGGTCAGCGTCCTGCACCGTCCTGCACCAGCGACTGGCTGAATGGCAAGGAGTACAAG

Db   245 CGTGTGGTCAGCGTCCTGCACCGTCCTGCACCAGCGACTGGCTGAATGCAAGGAGTACAAG 304
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy   994 TGCAAGGTCTCCAACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   305 TGCAAGGTCTCCAACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 364

Qy 1054 GGGCAGCCCCGAGAACCACAGTGTACACCCTGCCCCATCCCGGATGAGCTGACCAAG 1113
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   365 GGGCAGCCCCGAGAACCACAGTGTACACCCTGCCCCATCCCGGATGAGCTGACCAAG 424

Qy 1114 AACCAGTGCAGCTGACCTGGTCAAAGGCTTCATCCAGCGACATCGCCGTGGAG 1173
          |||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   425 AACCAGTGCAGCTGACCTGGTCAAAGGCTTCATCCAGCGACATCGCCGTGGAG 484

Qy 1174 TGGGAGAGCAATGGCAGCCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   485 TGGGAGAGCAATGGCAGCCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 544

Qy 1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   545 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 604

Qy 1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   605 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 664

Qy 1354 CTCTCCCGTGTCTCCGGGTAAATGA 1377
          |||||||||||||||||||||||||
Db   665 CTCTCCCGTGTCTCCGGGTAAATGA 688

RESULT 11
US-09-178-869-1
; Sequence 1, Application US/09178869B
; Patent No. 6197294
; GENERAL INFORMATION:
; APPLICANT: Tao, Weng
; APPLICANT: Wong, Shou
; APPLICANT: Hickey, William F
; APPLICANT: Hanmang, Joseph P.
; APPLICANT: Baetge, E. Edward
; TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION
; FILE REFERENCE: 17810-043
; CURRENT APPLICATION NUMBER: US/09/178,869B
; CURRENT FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1019
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: gene
; LOCATION: ().
; OTHER INFORMATION: Description of Sequence: Recombinant
; OTHER INFORMATION: Polynucleotide
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (16)..(1008)
US-09-178-869-1

Query Match   49.7%; Score 684; DB 3; Length 1019;
Best Local Similarity 100.0%; Pred. No. 4e-173; Indels 0; Gaps 0;
Matches   684; Conservative   0; Mismatches   0;

Qy   694 GACAAAACTCACACATGCCACCGTGCCCAGCACCTGAACTCCTGGGGGGGACCGTCAGTC 753
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   328 GACAAAACTCACACATGCCACCGTGCCCAGCACCTGAACTCCTGGGGGGGACCGTCAGTC 387

Qy   754 TTCCTTCTTCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   388 TTCCTTCTTCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 447

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Query Match      49.7%;  Score 684;  DB 4;  Length 1019;
Best Local Similarity 100.0%;  Pred. No. 4e-173;
Matches 684;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

Qy   694 GACAAAACTCACACATGCCACCGTGCCCAGCACCTGAACTCCTGGGGGACACCGTCAGTC 753
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Db   328 GACAAAACTCACACATGCCACCGTGCCCAGCACCTGAACTCCTGGGGGACACCGTCAGTC 387

Qy   754 TTCCTCTTCCCCCAAAACCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   388 TTCCTCTTCCCCCAAAAACCCAAGGACACCCCTCATGATCTCCCGGACCCCTGAGGTCACA 447

Qy   814 TGCGTGGTGGTGGACGTGAGCCACGAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   448 TGCGTGGTGGTGGACGTGAGCCACGAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 507

Qy   874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   508 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 567

Qy   934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   568 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 627

Qy   994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   628 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCATCGAGAAAACCATCTCCAAAGCCAAA 687

Qy  1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   688 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 747

Qy  1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   748 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 807

Qy  1174 TGGGAGAGCAATGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   808 TGGGAGAGCAATGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 867

Qy  1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   868 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 927

Qy  1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   928 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 987

Qy  1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
         ||||||||||||||||||||||||
Db   988 CTCTCCCTGTCTCCGGGTAAATGA 1011
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RESULT 13
US-09-180-100-18
; Sequence 18, Application US/09180100
; Patent No. 6306395
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, No. 6306395io
; APPLICANT: NAGATA, Shigekazu
; TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
; FILE REFERENCE: 1110-207P
; CURRENT APPLICATION NUMBER: US/09/180,100
; CURRENT FILING DATE: 1998-11-02
; EARLIER APPLICATION NUMBER: PCT/JP97/01502
; EARLIER FILING DATE: 1997-05-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 1182
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-180-100-18

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; Sequence 1, Application US/09761413
; Patent No. 6506891
; GENERAL INFORMATION:
; APPLICANT: Tao, Weng
; APPLICANT: Wong, Shou
; APPLICANT: Hickey, William F
; APPLICANT: Hammang, Joseph P.
; APPLICANT: Baetge, E. Edward
; TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION
; FILE REFERENCE: 17810-043
; CURRENT APPLICATION NUMBER: US/09/761,413
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US/09/178,869
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1019
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: gene
; LOCATION: ().
; OTHER INFORMATION: Description of Sequence: Recombinant
; OTHER INFORMATION: Polynucleotide
; NAME/KEY: CDS
; LOCATION: (16)..(1008)
US-09-761-413-1

STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,376
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1428
US-08-488-376-19

Query Match 49.7%; Score 684; DB 1; Length 1428;
Best Local Similarity 100.0%; Pred. No. 4.6e-173;
Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Query Match 49.7%; Score 684; DB 3; Length 1182;
Best Local Similarity 100.0%; Pred. No. 4.2e-173;
Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
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Db 1143 CTCTCCCTGTCTCCGGGTAAATGA 1166

RESULT 14
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; Sequence 19, Application US/08488376
; Patent No. 5811524
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaima Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria

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Db    1285 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1344
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; Sequence 19, Application US/08634223
; Patent No. 5840298
; GENERAL INFORMATION:
;   APPLICANT: BRAMS, Peter
;   APPLICANT: CHAMAT, Soulaima Salim
;   APPLICANT: PAN, Li-Zhen
;   APPLICANT: WALSH, Edward E.
;   APPLICANT: HEARD, Cheryl Janne
;   APPLICANT: NEWMAN, Roland Anthony
;   TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
;   TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
;   TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
;   NUMBER OF SEQUENCES: 19
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Burns, Doane, Swecker & Mathis
;   STREET: P.O. Box 1404
;   CITY: Alexandria
;   STATE: Virginia
;   COUNTRY: United States
;   ZIP: 22313-1404
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/634,223
;   FILING DATE:
;   CLASSIFICATION:
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US/08/488,376
;   FILING DATE: 07-JUN-1995
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Teskin, Robin L.
;   REGISTRATION NUMBER: 35,030
;   REFERENCE/DOCKET NUMBER: 012712-150
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (703) 836-6620
;   TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 19:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 1428 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: 1..1428
US-08-634-223-19

Query Match   49.7%; Score 684; DB 2; Length 1428;
Best Local Similarity   100.0%; Pred. No. 4.6e-173;
Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

Result No.	Score	% Query Match	Query Length	DB	ID		Description	
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; Sequence 25, Application US/09773877A
; Publication No. US2003001797A1
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 25
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2.Fcdeltac1(a) Receptor
; NAME/KEY: CDS
; LOCATION: (1)..(1377)
US-09-773-877A-25

Query Match   100.0%;   Score 1377;   DB 10;   Length 1377;
Best Local Similarity 100.0%;   Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 ATGGTCAGCTACTGGGACACCGGACACCCGGGGTCCTGCTGTGCCGCGTCTCAGCTGTCTCAGCTGTCTTCTC 60
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Db   61 ACAGGATCCAGTTCCGGAAGTGATACCGGTAGACCTTTCGTCAGTGACGTGAAATC  120

Qy  121 CCGAAATTATACACATGCACATGGCTCACATGGATCTCCCTGGACGTGGCCACGAA  180
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Db  121 CCGAAATTATACACATGACACATGGCTCACATGGATCTCCCTGGACGTGGCCACGAA  180

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Qy  301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA  360
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Db  301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA  360

Qy  361 CATCGACAAACCAATACAATCATAGATGTGGTTCCGTCTCATGGAATTGAACTA  420
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Db  421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480

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Qy  961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
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Qy 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
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Qy 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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Query Match      100.0%;  Score 1377;  DB 18;  Length 1377;
Best Local Similarity  100.0%;  Pred. No. 0;  Indels 0;  Gaps 0;
Matches 1377;  Conservative 0;  Mismatches 0;

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Qy   61 ACAGGATCCAGTTCCGGAAGTGATACCGGTAGACCTTCGTCAGTGACGTGAAATC  120
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Db  181 CCCAAATTATACACATGACACATGGCTCATCATGAACGTACAAAGAAATC  240

Qy  241 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA  300
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Qy  361 CATCGACAAACCAATACAATCATAGATGTGGTTCCGTCTCATGGAATTGAACTA  420
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;  APPLICANT: Kandel, Jessica
;  APPLICANT: Holash, Jocelyn
;  APPLICANT: Yamashiro, Darrell
;  APPLICANT: Huang, Jianzhong
;  APPLICANT: Yancopoulos, George
;  APPLICANT: Rudge, John
;  TITLE OF INVENTION: Method of Tumor Regression with VEGF
;  TITLE OF INVENTION: Inhibitors
;  FILE REFERENCE: REG 714A
;  CURRENT APPLICATION NUMBER: US/10/860,958
;  CURRENT FILING DATE: 2004-06-04
;  PRIOR APPLICATION NUMBER: 60/476,425
;  PRIOR FILING DATE: 2003-06-06
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: FastSEQ for Windows Version 4.0
;  SEQ ID NO 1
;    LENGTH: 1377
;    TYPE: DNA
;    ORGANISM: homo sapiens
US-10-860-958-1

Query Match         100.0%;  Score 1377;  DB 21;  Length 1377;
Best Local Similarity  100.0%;  Pred. No. 0;
Matches 1377;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy      1 ATGGTCAGCTACTGGGACACCGGGTCCTGCTGTGCGCGGTCTCAGCTGTCTGCTTCTC 60
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Qy     61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
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Qy    181 CCTAACACTGTTACTTTAAAAAAGTTCCACTTGACACTTGATCCCTGATGGAAAA 240
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Qy    241 CGCATAATCTGGGACAGTAGAAGAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 300
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Qy    361 CATCGACAAACCAATACAATCAATCATAGATGTGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
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Db    361 CATCGACAAACCAATACAATCAATCATAGATGTGTTCTGAGTCCGTCTCATGGAATTGAACTA
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Db    421 TCTGTTGGAGAAAAGCTTGTCTTAAATGTACAGCAAGAACTGAACTAAATGTGGGGATT 480
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Db    541 CTAAAAACCCAGTCTGCAGCAGTGGGCTGATGACCAAG 600
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Qy    661 AAGAACAGCACATTTGTCAGGGTCCATGAAAAGGACAAAACTCACACATGCCCACCGTGC 720
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Qy    901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960
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Qy    961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
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Db   1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
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Qy   1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
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Db   1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
Qy   1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
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Qy   1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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Db   1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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RESULT 3
US-10-860-958-1
;  Sequence 1, Application US/10860958
;  Publication No. US20040265309A1
;  GENERAL INFORMATION:
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Qy  181  CCTAACATCACTGTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA   240
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Db  301  GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTGTATAAGACAAACTATCTCACA    360

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Db  361  CATCGACAAACCAATACATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA   420

Qy  421  TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480
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Db  421  TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480

Qy  481  GACTTCAACTGGGAAATACCCTTCTTCGGAAGCATCAGCATTAAGACAAACTTGTAAACCGAGAC  540
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Db  481  GACTTCAACTGGGAAATACCCTTCTTCGGAAGCATCAGCATCAAGACAAACTTGTAAACCGAGAC  540

Qy  541  CTAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGGT   600
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Db  541  CTAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGGT   600

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Db  601  GTAACCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGCGTGATGACCAAG   660

Qy  661  AAGAACAGCACATTTGTCAGGGTCCATGAAAGGACAAAACTCACACATGCCACCGTGC    720
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Db  661  AAGAACAGCACATTTGTCAGGGTCCATGAAAGGACAAAACTCACACATGCCACCGTGC    720

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Qy  781  ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGACGTGAGCCACGAA    840
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Qy  841  GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA  900
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Db  841  GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA  900

Qy  901  AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG  960
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  901  AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG  960

Qy  961  CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  961  CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020

Qy 1021  GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1021  GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080

Qy 1081  ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1081  ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
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RESULT 4
US-10-830-902-1
; Sequence 1, Application US/10830902
; Publication No. US2005004027A1
GENERAL INFORMATION:
; APPLICANT: Stanley Wiegand
; APPLICANT: Jingtai Cao
; APPLICANT: Claus Cursiefen
; TITLE OF INVENTION: Method of Treating Corneal Transplant
; TITLE OF INVENTION: Rejection
; FILE REFERENCE: RRG 713B
; CURRENT APPLICATION NUMBER: US/10/830,902
; CURRENT FILING DATE: 2004-04-23
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-830-902-1

Query Match   100.0%;   Score 1377; DB 22; Length 1377;
Best Local Similarity 100.0%;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy    1  ATGGTCAGCTACTGGGACACCGGGGTCCTGCGTGTGCGGCTGCTCAGCTGTCTGCTTCTC   60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1  ATGGTCAGCTACTGGGACACCGGGGTCCTGCGTGTGCGGCTGCTCAGCTGTCTGCTTCTC   60
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Qy 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200

Qy 1201 AACTACAAGACCACGCGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1201 AACTACAAGACCACGCGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260

Qy 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320

Qy 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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RESULT 5
US-10-897-802-1
; Sequence 1, Application US/10897802
; Publication No. US2005003269A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: Robert Jaffe
; APPLICANT: Limin Hu
; APPLICANT: George D. Yancopoulos
; TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent
; FILE REFERENCE: REG 715B
; CURRENT APPLICATION NUMBER: US/10/897,802
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: 60/493,971
; PRIOR FILING DATE: 2003-08-08
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-897-802-1

Query Match   100.0%; Score 1377; DB 22; Length 1377;
Best Local Similarity 100.0%; Pred. No.0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy    1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCGTGCTGCTTCTC 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCGTGCTGCTTCTC 60

Qy   61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120

Qy  121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 180

Qy  181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGAAAA 240
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGAAAA 240

Qy  241 CGCATAAATCTGGGACAGTAGAAAAGGGTCATCATATCAAATGCAACGTACAAAGAAATA 300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 CGCATAAATCTGGGACAGTAGAAAAGGGTCATCATATCAAATGCAACGTACAAAGAAATA 300

Qy  301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA 360

Qy  361 CATCGACAAACCAATACAATCATAGATGGTTCTCGAGTCCGTCTCATGGAATTGAACTA 420
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 CATCGACAAACCAATACAATCATAGATGGTTCTCGAGTCCGTCTCATGGAATTGAACTA 420

Qy  421 TCTGTTGGAGAAAAGCTTGTCTTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT 480
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  421 TCTGTTGGAGAAAAGCTTGTCTTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT 480

Qy  481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATCAGCATAAGAGAACTTGTAAACCGAGAC 540
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATCAGCATAAGAGAACTTGTAAACCGAGAC 540

Qy  541 CTAAAAACCAGTCTGGAGTGAGATGAAGAAATTTTGAGCACCTAACTATAGATGT 600
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  541 CTAAAAACCAGTCTGGAGTGAGATGAAGAAATTTTGAGCACCTAACTATAGATGT 600

Qy  601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 660
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 660

Qy  661 AAGAACAGCACATTTGTCAGGGTCCATGAAAGGACAAAACTCACAATCACACATGCCCACCGTGC 720
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  661 AAGAACAGCACATTTGTCAGGGTCCATGAAAGGACAAAACTCACAATCACACATGCCCACCGTGC 720

Qy  721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTCTTCCTCTTCCCCCAAAACCCAAGGAC 780
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTCTTCCTCTTCCCCCAAAACCCAAGGAC 780

Qy  781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840

Qy  841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900

Qy  901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960

Qy  961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020

Qy 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080

Qy 1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140

Qy 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200

Qy 1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260

Qy 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320

Qy 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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RESULT 6
US-10-880-021-9
; Sequence 9, Application US/10880021
; Publication No. US2005004236A1
; GENERAL INFORMATION:
; APPLICANT: Daly, thomas J.
; APPLICANT: Fandl, James P.
; APPLICANT: Papadopoulos, Nicholas J.
; TITLE OF INVENTION: VEGF Traps and Therapeutic Uses Thereof

; FILE REFERENCE: RGE 710D2
; CURRENT APPLICATION NUMBER: US/10/880,021
; CURRENT FILING DATE: 2004-06-29
; PRIOR APPLICATION NUMBER: 10/609,775
; PRIOR FILING DATE: 2003-06-30
; SOFTWARE: FastSEQ for Windows Version 4.0
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 9
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-880-021-9

Query Match   100.0%;   Score 1377;   DB 22;   Length 1377;
Best Local Similarity   100.0%;   Pred. No.0;
Matches 1377;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

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Qy     1 ATGGTCAGCTACTGGACACCGGGGTCCTGCTGTGCGCGCTGTCTTCAGCTGTGCTTCTC   60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1 ATGGTCAGCTACTGGACACCGGGGTCCTGCTGTGCGCGCTGTCTTCAGCTGTGCTTCTC   60

Qy    61 ACAGGATCTCAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC  120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    61 ACAGGATCTCAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC  120

Qy   121 CCCGAAATTATACACATGACTGAAGGAAGGAGCTCGTCATTCCCTGCCGGGTTACGTCA  180
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 CCCGAAATTATACACATGACTGAAGGAAGGAGCTCGTCATTCCCTGCCGGGTTACGTCA  180

Qy   181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA  240
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA  240

Qy   241 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA  300
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   241 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA  300

Qy   301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTATAAGACAAAACTATCTCACA  360
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTATAAGACAAAACTATCTCACA  360

Qy   361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTTCATGGAATTGAACTA  420
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTTCATGGAATTGAACTA  420

Qy   421 TCTGTTGGAGAAAGCTTGTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   421 TCTGTTGGAGAAAGCTTGTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480

Qy   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATTAAGAAACTTGTAAACCGAGAC  540
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATTAAGAAACTTGTAAACCGAGAC  540

Qy   541 CTAAAAACCCAGTCTCGGGAGTGAGATGAGATGAAGAAAATTTTTGAGCCACCTTAACTATAGATGGT  600
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   541 CTAAAAACCCAGTCTCGGGAGTGAGATGAGATGAAGAAAATTTTTGAGCCACCTTAACTATAGATGGT  600

Qy   601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG  660
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG  660

Qy   661 AAGAACAGCACATTTGTCAGGGTCCATGAAACACAGACAAAAACTCACACATGCCACCGTGC  720
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   661 AAGAACAGCACATTTGTCAGGGTCCATGAAACACAGACAAAAACTCACACATGCCACCGTGC  720

Qy   721 CCAGCACCTGAACTCCTGGGGGGGACCCGTCAGTCTTCCTTCTTCCCCCCAAAACCCAAGGAC  780
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   721 CCAGCACCTGAACTCCTGGGGGGGACCCGTCAGTCTTCCTTCTTCCCCCCAAAACCCAAGGAC  780

Qy   781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA  840
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA  840

Qy   841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA  900
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA  900

Qy   901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG  960
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG  960

Qy   961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020

Qy  1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080

Qy  1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140

Qy  1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200

Qy  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260

Qy  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320

Qy  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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RESULT 7
US-10-909-011-3
; Sequence 3, Application US/10909011
; Publication No. US2005011206lA1
; GENERAL INFORMATION:
;   APPLICANT: Jocelyn Holash
;   APPLICANT: George Yancopoulos
;   APPLICANT: Phyllis R. Wachsberger
;   APPLICANT: Adam P. Dicker
;   APPLICANT: Randy Burd
;   TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
;   FILE REFERENCE: REG 716A
;   CURRENT APPLICATION NUMBER: US/10/909,011
;   CURRENT FILING DATE: 2004-07-30
;   PRIOR APPLICATION NUMBER: 60/492,864
;   PRIOR FILING DATE: 2003-08-06
;   SOFTWARE: FastSEQ for Windows Version 4.0
;   NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 3
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-909-011-3

Query Match   100.0%;   Score 1377;   DB 22;   Length 1377;
Best Local Similarity   100.0%;   Pred. No.0;
Matches 1377;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

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Qy     1 ATGGTCAGCTACTGGACACCGGGGTCCTGCGCTGTCGTGTGCGCGCTGTCTCAGCTGTCTGCTTCTC   60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1 ATGGTCAGCTACTGGACACCGGGGTCCTGCGCTGTCGTGTGCGCGCTGTCTCAGCTGTCTGCTTCTC   60

Qy    61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC  120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC  120
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Qy   121 CCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCTGCCGGGTTACGTCA 180
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 CCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCTGCCGGGTTACGTCA 180

Qy   181 CCTAACATCACTGTTACTTTAAAAAAGTTCCACTTGATCCCTGATGGAAAA 240
             ||||||||||||||||||||||||||||||||||||||||||||||||||
Db   181 CCTAACATCACTGTTACTTTAAAAAAGTTCCACTTGATCCCTGATGGAAAA 240

Qy   241 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACTACAAAGAAATA 300
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   241 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACTACAAAGAAATA 300

Qy   301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTATAAGACAAACTATCTCACA 360
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTATAAGACAAACTATCTCACA 360

Qy   361 CATCGACAAAACCAATACAATCATCAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   361 CATCGACAAAACCAATACAATCATCAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420

Qy   421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTAAATGTGGGGGATT 480
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTAAATGTGGGGGATT 480

Qy   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC 540
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC 540

Qy   541 CTAAAAACCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGGT 600
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   541 CTAAAAACCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGGT 600

Qy   601 GTAACCCGGAGTGACCAAGGATGTACACCTGTGCAGCATCCAGTGGCTGATGACCAAG 660
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   601 GTAACCCGGAGTGACCAAGGATGTACACCTGTGCAGCATCCAGTGGCTGATGACCAAG 660

Qy   661 AAGAACAGCACATTTGTCAGGGTCCATGAAAAGACAAAACTCACACATGCCCACCGTGC 720
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   661 AAGAACAGCACATTTGTCAGGGTCCATGAAAAGACAAAACTCACACATGCCCACCGTGC 720

Qy   721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGAC 780
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGAC 780

Qy   781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840

Qy   841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900

Qy   901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960

Qy   961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020

Qy  1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080

Qy  1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140

Qy  1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200

Qy  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260

Qy  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320

Qy  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCGTGTCCCGGGTAAATGA 1377
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCGTGTCCCGGGTAAATGA 1377
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RESULT 8
US-10-988-243-15
; Sequence 15, Application US/10988243
; Publication No. US20050175610A1
; GENERAL INFORMATION:
;   APPLICANT: Wiegand, Stanley
;   APPLICANT: Papadopoulos, Nicholas J.
;   APPLICANT: Yancopoulos, George
;   TITLE OF INVENTION: Modified Chimeric Polypeptides with Improved Pharmacokinectic Pro
;   TITLE OF INVENTION: and Methods of Making and Using Thereof
;   FILE REFERENCE: REG 710F
;   CURRENT APPLICATION NUMBER: US/10/988,243
;   CURRENT FILING DATE: 2004-11-12
;   PRIOR APPLICATION NUMBER: 10/009,852
;   PRIOR FILING DATE: 2001-12-06
;   PRIOR APPLICATION NUMBER: PCT/US00/14142
;   PRIOR FILING DATE: 2000-05-23
;   PRIOR APPLICATION NUMBER: 60/138,133
;   PRIOR FILING DATE: 1999-06-08
;   NUMBER OF SEQ ID NOS: 35
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
;   LENGTH: 1377
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-988-243-15

Query Match   100.0%; Score 1377; DB 24; Length 1377;
Best Local Similarity   100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy     1 ATGGTCAGCTACTGGACACCGGGGTCCTTGCTCGTGCGCGGGTCCTGTCTTCAGCTGTCTGCTTCTC 60
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1 ATGGTCAGCTACTGGACACCGGGGTCCTTGCTCGTGCGCGGGTCCTGTCTTCAGCTGTCTGCTTCTC 60

Qy    61 ACAGGATCTAGTTCCGGAGTGATACCGGTAGAGACCTTTGTAGAGATGTACAGTGAAATC 120
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    61 ACAGGATCTAGTTCCGGAGTGATACCGGTAGAGACCTTTGTAGAGATGTACAGTGAAATC 120

Qy   121 CCGGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCTGCCGGGTTACGTCA 180
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 CCGGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCTGCCGGGTTACGTCA 180

Qy   181 CCTAACATCACTGTTACTTTACTTTAAAAAGTTCCACTTGATCCCTGATGGAAAA 240
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   181 CCTAACATCACTGTTACTTTACTTTAAAAAGTTCCACTTGATCCCTGATGGAAAA 240

Qy   241 CGCATAATCTGGGACAGTAGCAACAGTCAACGTTGTATAAGACAAACTATCTCACA 300
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   241 CGCATAATCTGGGACAGTAGCAACAGTCAACGTTGTATAAGACAAACTATCTCACA 300

Qy   301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTGAGTTCTGAGTTCTGAAGTTCTGAAGTTCTCACA 360
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTGAGTTCTGAGTTCTGAAGTTCTGAAGTTCTCACA 360

Qy   361 CATCGACAAAACCAATCATCAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   361 CATCGACAAAACCAATCATCAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420

Qy   421 TCTGTTGGAGAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGGATT 480
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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;   TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
;   FILE REFERENCE: 716B
;   CURRENT APPLICATION NUMBER: US/10/998,881
;   CURRENT FILING DATE: 2004-11-29
;   PRIOR APPLICATION NUMBER: 10/909,011
;   PRIOR FILING DATE: 2004-07-30
;   PRIOR APPLICATION NUMBER: 60/492,864
;   PRIOR FILING DATE: 2003-08-06
;   NUMBER OF SEQ ID NOS: 4
;   SOFTWARE: FastSEQ for Windows Version 4.0
;   SEQ ID NO 3
;     LENGTH: 1377
;     TYPE: DNA
;     ORGANISM: homo sapiens
US-10-998-881-3

Query Match         100.0%;  Score 1377;  DB 24;  Length 1377;
Best Local Similarity 100.0%;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy     1 ATGGTCAGCTACTGGACACCGGGGTCCTGCTGCGCGGTCCTCAGCTGTCTGCTTCTC   60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1 ATGGTCAGCTACTGGACACCGGGGTCCTGCTGCGCGGTCCTCAGCTGTCTGCTTCTC   60

Qy    61 ACAGGATCTAGTTCCGGAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC  120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    61 ACAGGATCTAGTTCCGGAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC  120

Qy   121 CCGGAAATTATACACATGACTGAAGGAGGAGGAGTCGTCATTCCTGCGCGGGTTACGTCA  180
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 CCGGAAATTATACACATGACTGAAGGAGGAGGAGTCGTCATTCCTGCGCGGGTTACGTCA  180

Qy   181 CCTAACATCACTGTTACTTTAAAAAGTTCACTTGACACTTGATCCTGATGGAAAA      240
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   181 CCTAACATCACTGTTACTTTAAAAAGTTCACTTGACACTTGATCCTGATGGAAAA      240

Qy   241 CGCATAAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAAGAAATA  300
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   241 CGCATAAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAAGAAATA  300

Qy   301 GGGCTTCTCGACCTGTGAAGCAACAGTCAATGGCATTTGTATAAGACAAACTATCTCACA  360
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   301 GGGCTTCTCGACCTGTGAAGCAACAGTCAATGGCATTTGTATAAGACAAACTATCTCACA  360

Qy   361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA  420
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA  420

Qy   421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480

Qy   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC  540
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC  540

Qy   541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGT  600
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGT  600

Qy   601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG  660
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG  660

Qy   661 AAGAACAGCACATTTGTCAGGTCCATGAAGAAAGAAGACAAAACTCACACATGCCCACCGTGC  720
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   661 AAGAACAGCACATTTGTCAGGTCCATGAAGAAAGAAGACAAAACTCACACATGCCCACCGTGC  720

Qy   721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCCCCCAAAACCCAAGGAC      780
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCCCCCAAAACCCAAGGAC      780

Qy   781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA  840
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Db   421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT  480
Qy   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC  540
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC  540
Qy   541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGT  600
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGT  600
Qy   601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG  660
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG  660
Qy   661 AAGAACAGCACATTTGTCAGGTCCATGAAGAAAGAAGACAAAAACTCACACATGCCCACCGTGC  720
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   661 AAGAACAGCACATTTGTCAGGTCCATGAAGAAAGAAGACAAAAACTCACACATGCCCACCGTGC  720
Qy   721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCCCCCAAAACCCAAGGAC      780
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCCCCCAAAACCCAAGGAC      780
Qy   781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA  840
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA  840
Qy   841 GACCCTGAGGTCAAGTTCAACTGGTACGTGACGGCGTGGAGGTGCATAATGCCAAGACA  900
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   841 GACCCTGAGGTCAAGTTCAACTGGTACGTGACGGCGTGGAGGTGCATAATGCCAAGACA  900
Qy   901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG  960
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG  960
Qy   961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
Qy  1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
Qy  1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
Qy  1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
Qy  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
Qy  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
Qy  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA    1377
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA    1377
```

RESULT 9
US-10-998-881-3
; Sequence 3, Application US/10998881
; Publication No. US2005019634 0A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsberger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd

```
Qy    1 ATGGTCAGCTACTGGGACACCGGGCTCCTGCTGTGTGCCGCCGTCCTCAGCTGTCTGCTCTC   60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 ATGGTCAGCTACTGGGACACCGGGCTCCTGCTGTGTGCCGCCGTCCTCAGCTGTCTGCTCTC   60

Qy   61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTGAGAGATGTACAGTGAAATC  120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTGAGAGATGTACAGTGAAATC  120

Qy  121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCTGCGGGTTACGTCA     180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCTGCGGGTTACGTCA     180

Qy  181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA   240
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA   240

Qy  241 CGCATAAATCTGGGACAGTAGAAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA  300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 CGCATAAATCTGGGACAGTAGAAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA  300

Qy  301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTGTATAAGACAAACTATCTCACA     360
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTGTATAAGACAAACTATCTCACA     360

Qy  361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA   420
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA   420

Qy  421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT   480
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT   480

Qy  481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC   540
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC   540

Qy  541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGT     600
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGT     600

Qy  601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGCTGATGACCAAG    660
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGCTGATGACCAAG    660

Qy  661 AAGAACAGCACATTTGTCAGGGTCCATGAAAGGACAAAACTCACACATGCCCACCGTGC   720
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  661 AAGAACAGCACATTTGTCAGGGTCCATGAAAGGACAAAACTCACACATGCCCACCGTGC   720

Qy  721 CCAGCACCTGAACTCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCAAAACCCAAGGAC    780
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  721 CCAGCACCTGAACTCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCAAAACCCAAGGAC    780

Qy  781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA   840
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA   840

Qy  841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA   900
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA   900

Qy  901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG   960
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG   960

Qy  961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA  1020
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA  1020

Qy 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC  1080
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC  1080

Qy 1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC  1140
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC  1140

Qy 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC  1200
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC  1200

Qy 1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG  1260
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG  1260

Qy 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT  1320
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT  1320

Qy 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA     1377
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA     1377
```

RESULT 10

Query Match   100.0%;   Score 1377;   DB 26;   Length 1377;

Best Local Similarity   100.0%;

Matches 1377;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

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Db  1081 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||| 1140
         ACCCTGCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC

Qy  1141 AAAGGCTTCTATCCCAGCGACACCACGCCCCGTGGGAGTGGGAGAGCAGCCCGGAGAAC 1200
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1141 AAAGGCTTCTATCCCAGCGACACCACGCCCCGTGGGAGTGGGAGAGCAGCCCGGAGAAC 1200

Qy  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260

Qy  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320

Qy  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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RESULT 11
US-11-039-144-1
; Sequence 1, Application US/11039144
; Publication No. US2005019729141
; GENERAL INFORMATION:
; APPLICANT: Stanley Wiegand
; APPLICANT: Jingtai Cao
; APPLICANT: Claus Cursiefien
; TITLE OF INVENTION: Method of Treating Corneal Transplant
; TITLE OF INVENTION: Rejection In High Risk Keratoplasty Patients
; FILE REFERENCE: 713C
; CURRENT APPLICATION NUMBER: US/11/039,144
; CURRENT FILING DATE: 2005-01-19
; PRIOR APPLICATION NUMBER: 10/830,902
; PRIOR FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: 60/473,734
; PRIOR FILING DATE: 2003-05-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-11-039-144-1

Query Match   100.0%; Score 1377; DB 26; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

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Qy    1 ATGTCAGCTACTGGACACCGGGATCTCCGTGTGCGCGCTCAGCGTGTCGCTGCTTCTC 60
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 ATGTCAGCTACTGGACACCGGGATCTCCGTGTGCGCGCTCAGCGTGTCGCTGCTTCTC 60

Qy   61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120

Qy  121 CCCGAAATTATACACACTGTGAAGCAACAGTCAATGGCATTCAATGGCGATTCCTGAAAGA 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 CCCGAAATTATACACACTGTGAAGCAACAGTCAATGGCATTCAATGGCGATTCCTGAAAGA 180

Qy  181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 240

Qy  241 CGCATAATCTGGACAGTAGAAAGGCTTCATCATATCATCAAATGCAAAGACATATCTCCAA 300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 CGCATAATCTGGACAGTAGAAAGGCTTCATCATATCATCAAATGCAAAGACATATCTCCAA 300

Qy  301 GGGCTTCTGAAGCAACAGTCAATGGCAATTGGGCATTTGTATAAGACAAACTATCTTCACA 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  301 GGGCTTCTGAAGCAACAGTCAATGGCAATTGGGCATTTGTATAAGACAAACTATCTTCACA 360
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Right column:

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Qy  361 CATCGACAAACCAATCAATCAATCAATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 CATCGACAAACCAATCAATCAATCAATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420

Qy  421 TCTGTTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTGAAATGTGGGGATT 480
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  421 TCTGTTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTGAAATGTGGGGATT 480

Qy  481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAACTTGTAAACCGAGAC 540
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAACTTGTAAACCGAGAC 540

Qy  541 CTAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTGAGCACCTTAACTATAGATGGT 600
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  541 CTAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTGAGCACCTTAACTATAGATGGT 600

Qy  601 GTAACCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 660
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  601 GTAACCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 660

Qy  661 AAGAACAGACATTGTCAGGGTCCATGAAAAGGACAAAAACTCACACATGCCACCGTGC 720
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  661 AAGAACAGACATTGTCAGGGTCCATGAAAAGGACAAAAACTCACACATGCCACCGTGC 720

Qy  721 CCAGCACCTGAACTCCTGGGGGACCCGTCAGTCTCAGTCTTCCCTCCCCCCAAAACCCAAGGAC 780
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  721 CCAGCACCTGAACTCCTGGGGGACCCGTCAGTCTCAGTCTTCCCTCCCCCCAAAACCCAAGGAC 780

Qy  781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840

Qy  841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900

Qy  901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960

Qy  961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020

Qy 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACCAGGTGTAC 1080
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACCAGGTGTAC 1080

Qy 1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140

Qy 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200

Qy 1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260

Qy 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320

Qy 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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RESULT 12
US-09-773-877A-21
; Sequence 21, Application US/09773877A
; Publication No. US2003001797741

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; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877A
;  CURRENT FILING DATE: 2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
;  LENGTH: 1453
;  TYPE: DNA
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Flt1D2.Flk1D3.FcdeltaC1(a)Receptor
;  NAME/KEY: CDS
;  LOCATION: (69)..(1442)
US-09-773-877A-21

Query Match            96.5%;   Score 1328.4;   DB 10;   Length 1453;
Best Local Similarity   98.6%;   Pred. No. 0;
Matches 1367;   Conservative   0;   Mismatches   1;   Indels   18;   Gaps   2;

Qy      1 ATGGTCAGCTACTGGGACACCGGGGTCCTGTGCGCCGCTCGCTCAGCTGTCTGCTTCTC 60
          ||||||||||||||||||||||||||||||||||||    ||||||||||||||||||||
Db     69 ATGGTCAGCTACTGGGACACCGGGGTCCTGTGCGCCGCTCGCTCAGCTGTCTGCTTCTC 128

Qy     61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
          ||||||||||||||||||||||        |||||||||||||||||||||||||||||||
Db    129 ACAGGATCTAGTTCCGGA--------GGTAGACCTTTCGTAGAGATGTACAGTGAAATC 179

Qy    121 CCCGAAATTATACACATGACTGAAGGAGGAGCTCGTCATTCCCTGCCGGTTACGTCA 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    180 CCCGAAATTATACACATGACTGAAGGAGGAGCTCGTCATTCCCTGCCGGTTACGTCA 239

Qy    181 CCTAACATCACTGTTACTTTAAAAAAGTTCCACTTGACACTTTGATCCCTGATGGAAAA 240
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    240 CCTAACATCACTGTTACTTTAAAAAAGTTCCACTTGACACTTTGATCCCTGATGGAAAA 299

Qy    241 CGCATAATCTCGGGACAGTAGAAAAGGGCTTCATCATCAAGTCAACGTACAAAGAAATA 300
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    300 CGCATAATCTCGGGACAGTAGAAAAGGGCTTCATCATCAAGTCAACGTACAAAGAAATA 359

Qy    301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTAGTCCGTCTCATGGAATTGAACTA 360
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    360 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTAGTCCGTCTCATGGAATTGAACTA 419

Qy    361 CATCGACAAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    420 CATCGACAAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 479

Qy    421 TCTGTTGGAGAAAAGCTTGTCTTAAATGTACAGCAAGAACTGAACTAAATGTGGGGGATT 480
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    480 TCTGTTGGAGAAAAGCTTGTCTTAAATGTACAGCAAGAACTGAACTAAATGTGGGGGATT 539

Qy    481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAGAAGAAACTTGTAAACCGAGAC 540
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    540 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAGAAGAAACTTGTAAACCGAGAC 599

Qy    541 CTAAAAACCCAGTCTGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGGT 600
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    600 CTAAAAACCCAGTCTGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGATGGT 659

Qy    601 GTAACCCGGAGTGACCAAGGATTGTACACCGTGTGCAGCATCCAGTGGGCTGATGACCAAG 660
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    660 GTAACCCGGAGTGACCAAGGATTGTACACCGTGTGCAGCATCCAGTGGGCTGATGACCAAG 719

Qy    661 AAGACAGCACATTTGTCAGGGTCCATGAAAG--------GACAAAACTCACACATGC 711
          |||||||||||||||||||||||||||||||        |||||||||||||||||||
Db    720 AAGACAGCACATTTGTCAGGGTCCATGAAAGGCCCCGGGGCCACAAAACTCACACATGC 779

Qy    712 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA 771
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    780 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA 839

Qy    772 CCCAAGGACACACCTCATGATCTTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGACGTG 831
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    840 CCCAAGGACACACCTCATGATCTTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGACGTG 899

Qy    832 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 891
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    900 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 959

Qy    892 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 951
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    960 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 1019

Qy    952 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1011
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1020 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1079

Qy   1012 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCAAAGCCAAAGGGCAGCCCCGAGAACCA 1071
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1080 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCAAAGCCAAAGGGCAGCCCCGAGAACCA 1139

Qy   1072 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1140 CAGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1199

Qy   1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1200 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1259

Qy   1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1260 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1319

Qy   1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1320 TATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1379

Qy   1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCCCGGGGT 1371
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1380 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCCCGGGGT 1439

Qy   1372 AAATGA 1377
          ||||||
Db   1440 AAATGA 1445

RESULT 13
US-10-609-775-7
; Sequence 7, Application US/10609775
; Publication No. US2004014667A1
; GENERAL INFORMATION:
;  APPLICANT: Thomas J. Daly
;  APPLICANT: James P. Fandl
;  APPLICANT: Nicholas J. Papadopoulos
;  TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF
;  FILE REFERENCE: REG 710D
;  CURRENT APPLICATION NUMBER: US/10/609,775
;  CURRENT FILING DATE: 2003-06-30
;  PRIOR APPLICATION NUMBER: 10/009,852
;  PRIOR FILING DATE: 2001-12-06
;  PRIOR APPLICATION NUMBER: PCT/US00/14142
;  PRIOR FILING DATE: 2000-05-23
;  PRIOR APPLICATION NUMBER: 60/138,133
;  PRIOR FILING DATE: 1999-06-08
;  NUMBER OF SEQ ID NOS: 25
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
;  LENGTH: 1453
;  TYPE: DNA
;  ORGANISM: homo sapiens
US-10-609-775-7

Query Match          96.5%;   Score 1328.4;   DB 18;   Length 1453;
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Best Local Similarity 98.6%; Pred. No. 0;
Matches 1367; Conservative 0; Mismatches 1; Indels 18; Gaps 2;

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Qy     1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCCGCGTCTGCTCAGCTGTCTGCTTCTC 60
Db    69 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCCGCGTCTGCTCAGCTGTCTGCTTCTC 128

Qy    61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
Db   129 ACAGGATCTAGTTCCGGA-------GGTAGACCTTTCGTAGAGATGTACAGTGAAATC 179

Qy   121 CCGGAAAATTATACACATGACTGAAGGAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 180
Db   180 CCGGAAAATTATACACATGACTGAAGGAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 239

Qy   181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 240
Db   240 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 299

Qy   241 CGCATAATCTGGGACAGTAGAAAAGGCCTTCATCATATCAAATGCAACGTACAAAGAAATA 300
Db   300 CGCATAATCTGGGACAGTAGAAAAGGCCTTCATCATATCAAATGCAACGTACAAAGAAATA 359

Qy   301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTGTATAAGACAAACTATCTCACA 360
Db   360 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTGTATAAGACAAACTATCTCACA 419

Qy   361 CATGCACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
Db   420 CATGCACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 479

Qy   421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT 480
Db   480 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT 539

Qy   481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAACTTGTAAACCGAGAC 540
Db   540 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAACTTGTAAACCGAGAC 599

Qy   541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAGAAATTTTTGAGCACCTTAACTATAGATGGT 600
Db   600 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAGAAATTTTTGAGCACCTTAACTATAGATGGT 659

Qy   601 GTAACCCGAGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 660
Db   660 GTAACCCGAGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 719

Qy   661 AAGAACAGCACATTTGTCAGGGTCCATGAAAG---------GACAAAACTCACACATGC 711
Db   720 AAGAACAGCACATTTGTCAGGGTCCATGAAAGAGGGGGGGACAAAACTCACACATGC 779

Qy   712 CCACCGTGCCCAGCACCTGAACTCCTCGGGGGACCCGTCAGTCTTCCCTCTTCCCCCCAAAA 771
Db   780 CCACCGTGCCCAGCACCTGAACTCCTCGGGGGACCCGTCAGTCTTCCCTCTTCCCCCCAAAA 839

Qy   772 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG 831
Db   840 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG 899

Qy   832 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 891
Db   900 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 959

Qy   892 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 951
Db   960 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 1019

Qy   952 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1011
Db  1020 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1079

Qy  1012 GCCCTCCCAGCGCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1071
Db  1080 GCCCTCCCAGCGCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1139

Qy  1072 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131
Db  1140 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1199

Qy  1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191
Db  1200 TGCCTGGTCAAAGGCTTCATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1259

Qy  1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
Db  1260 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1319

Qy  1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
Db  1320 TATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1379

Qy  1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCCGTCTCCGGGT 1371
Db  1380 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCCGTCTCCGGGT 1439

Qy  1372 AAATGA 1377
Db  1440 AAATGA 1445
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RESULT 14
US-10-880-021-7
; Sequence 7, Application US/10880021
; Publication No. US2005043236A1
; GENERAL INFORMATION:
; APPLICANT: Daly, thomas J.
; APPLICANT: Fandl, James P.
; APPLICANT: Papadopoulos, Nicholas J.
; TITLE OF INVENTION: VEGF Traps and Therapeutic Uses Thereof
; FILE REFERENCE: RGE 710D2
; CURRENT APPLICATION NUMBER: US/10/880,021
; CURRENT FILING DATE: 2004-06-29
; PRIOR APPLICATION NUMBER: 10/609,775
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 1453
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-880-021-7

Query Match   96.5%; Score 1328.4; DB 22; Length 1453;
Best Local Similarity 98.6%; Pred. No. 0;
Matches 1367; Conservative 0; Mismatches 0; Indels 18; Gaps 2;

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Qy    61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
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Qy   181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 240
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us-10-009-852-15.rnpb

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Db        1440 AAATGA 1445
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RESULT 15
US-10-909-011-1
; Sequence 1, Application US/10909011
; Publication No. US2005011206lAl
; GENERAL INFORMATION:
;   APPLICANT: Jocelyn Holash
;   APPLICANT: George Yancopoulos
;   APPLICANT: Phyllis R. Wachsberger
;   APPLICANT: Adam P. Dicker
;   APPLICANT: Randy Burd
;   TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
;   FILE REFERENCE: REG 716A
;   CURRENT APPLICATION NUMBER: US/10/909,011
;   CURRENT FILING DATE: 2004-07-30
;   PRIOR APPLICATION NUMBER: 60/492,864
;   PRIOR FILING DATE: 2003-08-06
;   NUMBER OF SEQ ID NOS: 4
;   SOFTWARE: FastSEQ for Windows Version 4.0
;
; SEQ ID NO 1
;   LENGTH: 1453
;   TYPE: DNA
;   ORGANISM: homo sapiens
US-10-909-011-1

Query Match        96.5%;    Score 1328.4;    DB 22;    Length 1453;
Best Local Similarity  98.6%;    Pred. No. 0;
Matches 1367;   Conservative  0;   Mismatches  0;   Indels  18;   Gaps  2;

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Qy   361 CATCGACAAACCAATACAATCATAGATGTGGTTCGTCTCATGAATTGAACTA 420
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Qy  661 AAGAACAGCACATTTGTCAGGGTCCATGAAAG-------GACAAAACTCACACATGC  711
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Db  720 AAGAACAGCACATTTGTCAGGGTCCATGAAAAAGGCCCGGCGACAAAACTCACACATGC  779

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Db  780 CCACCGTGCCCAGCACCTGAAACTCCTGGGGGACCCGTCAGTCTTCCTCTTCCCCCCAAAA  839

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Qy  892 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC  951
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Db  1020 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA  1079

Qy  1012 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA  1071
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Db  1080 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA  1139

Qy  1072 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC  1131
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Db  1140 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC  1199

Qy  1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG  1191
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Db  1260 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC  1319

Qy  1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC  1311
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Qy  1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT  1371
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Qy  1372 AAATGA  1377
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Db  1440 AAATGA  1445
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            GenCore version 5.1.6
            Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on:  November 2, 2005, 21:00:41 ; Search time 25 Seconds
                                      (without alignments)
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Title:          US-10-009-852-16
Perfect score:  2437
Sequence:       1 MVSYWDTGVLLCALLSCLLL.........MHEALHNHYTQKSLSLSPGK 458

Scoring table:  BLOSUM62
                Gapop 10.0 , Gapext 0.5

Searched:       513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters:        513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	2437	100.0	458	4	US-09-773-877B-26	Sequence 26, Appl
2	2399	98.4	458	4	US-09-773-877B-22	Sequence 22, Appl
3	2261	92.8	431	4	US-09-773-877B-27	Sequence 27, Appl
4	2069.5	84.9	455	4	US-09-773-877B-24	Sequence 24, Appl
5	2049	84.1	462	4	US-09-773-877B-18	Sequence 18, Appl
6	2038	83.6	452	4	US-09-773-877B-16	Sequence 16, Appl
7	2015.5	82.7	567	4	US-09-773-877B-20	Sequence 20, Appl
8	2014.5	82.7	567	4	US-09-773-877B-12	Sequence 12, Appl
9	2003.5	82.2	557	4	US-09-773-877B-14	Sequence 14, Appl
10	1304	53.5	680	3	US-08-227-496C-15	Sequence 15, Appl
11	1280	52.5	497	4	US-09-499-846-6	Sequence 6, Appli
12	1279.5	52.5	622	4	US-09-499-846-2	Sequence 2, Appli
13	1275.5	52.3	910	4	US-09-313-942-28	Sequence 28, Appl
14	1274.5	52.3	525	4	US-09-499-846-4	Sequence 4, Appli
15	1269.5	52.1	488	4	US-09-499-846-12	Sequence 12, Appl
16	1269	52.1	388	3	US-09-131-247-16	Sequence 16, Appl
17	1269	52.1	388	4	US-09-784-623-16	Sequence 16, Appl
18	1265	51.9	347	1	US-07-940-861-43	Sequence 43, Appl
19	1265	51.9	347	1	US-08-459-512-43	Sequence 43, Appl
20	1265	51.9	347	2	US-08-459-657-43	Sequence 43, Appl
21	1265	51.9	347	2	US-08-460-132-43	Sequence 43, Appl
22	1265	51.9	347	3	US-08-466-465-8	Sequence 8, Appli
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24	1265	51.9	347	5	PCT-US92-02050-43	Sequence 43, Appl
25	1265	51.9	497	1	US-09-499-846-10	Sequence 10, Appl
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28	1256	51.5	475	4	US-09-740-002-25	Sequence 25, Appl
29	1254.5	51.5	547	4	US-09-746-359A-54	Sequence 54, Appl
30	1254.5	51.5	571	4	US-09-746-359A-53	Sequence 53, Appl
31	1254.5	51.5	691	4	US-09-313-942-20	Sequence 20, Appl
32	1254.5	51.5	694	4	US-09-313-942-22	Sequence 22, Appl
33	1253.5	51.4	387	1	US-08-470-299-4	Sequence 4, Appli
34	1253.5	51.4	437	5	PCT-US96-10043-11	Sequence 11, Appl
35	1253.5	51.4	704	4	US-09-590-656-2	Sequence 2, Appli
36	1253.5	51.4	704	4	US-09-733-764-2	Sequence 2, Appli
37	1252.5	51.4	450	4	US-09-996-288-248	Sequence 248, App
38	1252.5	51.4	467	4	US-08-030-175-42	Sequence 42, Appl
39	1251.5	51.4	450	4	US-09-996-288-210	Sequence 210, App
40	1251.5	51.4	450	4	US-09-996-288-222	Sequence 222, App
41	1251.5	51.4	450	4	US-09-996-288-224	Sequence 224, App
42	1251.5	51.4	450	4	US-09-996-288-228	Sequence 228, App
43	1251.5	51.4	450	4	US-09-996-288-238	Sequence 238, App
44	1251.5	51.4	450	4	US-09-996-288-240	Sequence 240, App
45	1251.5	51.4	450	4	US-09-996-288-242	Sequence 242, App

ALIGNMENTS

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RESULT 1
US-09-773-877B-26
; Sequence 26, Application US/09773877B
; Patent No. 6683349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
;
; SEQ ID NO 26
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2-Fcdelta C1(a) Receptor
US-09-773-877B-26

Query Match             100.0%;  Score 2437;  DB 4;  Length 458;
Best Local Similarity   100.0%;  Pred. No. 1.3e-196;
Matches  458;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
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Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKQHKKLVNRD 180
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Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKQHKKLVNRD 180

Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
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Qy  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
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RESULT 2
US-09-773-877B-22
; Sequence 22, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1D2.Flk1D3.FcdeltaC1(a) Receptor
US-09-773-877B-22

Query Match             98.4%;  Score 2399;  DB 4;  Length 458;
Best Local Similarity   98.7%;  Pred. No. 2e-193;
Matches   455;  Conservative    0;  Mismatches    0;  Indels    6;  Gaps    2;

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Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
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Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
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Qy  238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
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Qy  298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
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Db  298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357

Qy  358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPVLDSDGSFFL 417
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Db  418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458

RESULT 3
US-09-773-877B-27
; Sequence 27, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09773877B

; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 431
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Peptide
US-09-773-877B-27

Query Match             92.8%;  Score 2261;  DB 4;  Length 431;
Best Local Similarity   99.1%;  Pred. No. 7.5e-182;
Matches   428;  Conservative    0;  Mismatches    0;  Indels    4;  Gaps    2;

Qy   30 GRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPDGKRIIWDSRKG 89
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 GRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPDGKRIIWDSRKG 60

Qy   90 FIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLN 149
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 FIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLN 120

Qy  150 CTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTIDGVTRSDQGLY 209
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 CTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTIDGVTRSDQGLY 180

Qy  210 TCAASSGLMTKKNSTFVRVHEK---DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISR 266
        ||||||||||||||||||||||   |||||||||||||||||||||||||||||||||||
Db  181 TCAASSGLMTKKNSTFVRVHEKGPGDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISR 240

Qy  267 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN 326
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN 300

Qy  327 GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPS 386
        |||||||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db  301 GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS-TCLVKGFYPS 359

Qy  387 DIAVEWESNGQPENNYKTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNH 446
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  360 DIAVEWESNGQPENNYKTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNH 419

Qy  447 YTQKSLSLSPGK 458
        ||||||||||||
Db  420 YTQKSLSLSPGK 431

RESULT 4
US-09-773-877B-24
; Sequence 24, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1D2.VEGFR3D3.FcdeltaC1(a)Receptor
US-09-773-877B-24

Query Match             84.9%;  Score 2069.5;  DB 4;  Length 455;
Best Local Similarity   85.7%;  Pred. No. 1e-165;
Matches   395;  Conservative   16;  Mismatches   41;  Indels    9;  Gaps    3;

Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
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Db    1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS  57
        |||||||||||||||||||||||||||    ||||||||||||||||||||||||||||||
Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117
Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        |||||||||  :  |||   ||||||||||||   :::| | :  :  ||| :  ::|
Db  118 HRQTNTIIDIQLLPRKSLELLVGEKLVLNCTVWAEFNSGVTFDWDYPGKQAERGKWVPER 177
Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK--DKTHTC 237
        :   : :|:     | |||   ||  ||| |::  | |:    ||  :|     |||||
Db  178 RSQQTHELS---SILTIHNVSQHDLGSYYCKANNGIQRFRESTEVIVHENGPGDKTHTC 234
Qy  238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  235 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 294
Qy  298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  295 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 354
Qy  358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  355 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 414
Qy  418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||||||||||||||
Db  415 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 455
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RESULT 5
US-09-773-877B-18
; Sequence 18, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 462
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(2-3)-Fc (Mut3)
US-09-773-877B-18

Query Match   84.1%; Score 2049; DB 4; Length 462;
Best Local Similarity   84.2%; Pred. No. 5.6e-164;
Matches 393; Conservative 13; Mismatches 47; Indels 14; Gaps 3;

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Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS  60
        ||||||||||||||||||||||||||    ||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS  57
Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117
Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        |||||||||  :| :   |||||||||||||   :| | ::  ||
Db  118 HRQTNTIIDVQISTPRPVKLLRGHTLVLNCTATTPLNTRVQMTWSYPDEKNKRASVRRR- 176
Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK------- 231
        :   :: || | | |||  :|:   ||||| :::  |:   ||  :|
Db  177 -IDQSNSHANIFYSVLTIDKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSC 235
Qy  232 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 291
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Db  236 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 295
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy  292 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 351
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  296 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 355
Qy  352 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 411
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  356 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 415
Qy  412 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||||||||||||||||||||
Db  416 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 462
```

RESULT 6
US-09-773-877B-16
; Sequence 16, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 452
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(2-3 deltaB)-Fc
US-09-773-877B-16

Query Match   83.6%; Score 2038; DB 4; Length 452;
Best Local Similarity   83.9%; Pred. No. 4.6e-163;
Matches 392; Conservative 10; Mismatches 41; Indels 24; Gaps 3;

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Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS  60
        ||||||||||||||||||||||||||   |||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS  57
Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117
Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        |||||||||  :| :   |||||||||||||   :| | ::  ||         |
Db  118 HRQTNTIIDVQISTPRPVKLLRGHTLVLNCTATTPLNTRVQMTWSYP---------D 165
Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK------- 231
        :   :: || | | |||  :|:   ||||| :::  |:   ||  :|
Db  166 EIDQSNSHANIFYSVLTIDKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSC 225
Qy  232 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 291
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  226 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 285
Qy  292 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 351
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  286 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 345
Qy  352 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 411
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  346 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 405
Qy  412 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||||||||||||||||||||
Db  406 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 452
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RESULT 7
US-09-773-877B-20
; Sequence 20, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 567
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3 R->N)-Fc (Mut4)
US-09-773-877B-20

Query Match             82.7%;  Score 2015.5;  DB 4;  Length 567;
Best Local Similarity   69.6%;  Pred. No. 4.9e-161;
Matches  396;  Conservative  14;  Mismatches  46;  Indels  113;  Gaps  3;

Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSG-                                    26
        ||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTQHIMQAGQTLHLQCRGEAAHK   60

Qy   27 --------------------------                                    26

Db   61 WSLPEMVSKESERLSITKSACGRNGKQFCSTLTLNTAQANHTGFYSCKYLAVPTSKKKET  120

Qy   27 -------SDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD    78
               ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 ESAIYIFISDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD  180

Qy   79 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGI  138
        ||||||||||||||||||||||||||||||||||||||||||||||||||   :  :
Db  181 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVQISTPRPV  240

Qy  139 ELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTI  198
        :  : ||  :|||||| : :  || | : ||  ||            : ||||
Db  241 KLLRGHTLVLNCTATTPLNTRVQMTWSYPDEKNKRASVRRR--IDQSNSHANIFYSVLTI  298

Qy  199 DGVTRSDQGLYTCAASGLMTKKNSTFVRVHEK-----------DKTHTCPPCPAPELLGGP 249
        |  :  : ||||   : :  :| || : |            ||||||||||||||||
Db  299 DKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSCDKTHTCPPCPAPELLGGP  358

Qy  250 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS  309
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  359 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS  418

Qy  310 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL  369
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  419 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL  478

Qy  370 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ  429
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  479 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ  538

Qy  430 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||
Db  539 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 567

RESULT 8
US-09-773-877B-12
; Sequence 12, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 567
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt(1-3)-Fc
US-09-773-877B-12

Query Match             82.7%;  Score 2014.5;  DB 4;  Length 567;
Best Local Similarity   69.6%;  Pred. No. 6e-161;
Matches  396;  Conservative  13;  Mismatches  47;  Indels  113;  Gaps  3;

Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSG-                                    26
        ||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTQHIMQAGQTLHLQCRGEAAHK   60

Qy   27 --------------------------                                    26

Db   61 WSLPEMVSKESERLSITKSACGRNGKQFCSTLTLNTAQANHTGFYSCKYLAVPTSKKKET  120

Qy   27 -------SDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD    78
               ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 ESAIYIFISDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD  180

Qy   79 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGI  138
        ||||||||||||||||||||||||||||||||||||||||||||||||||   :  :
Db  181 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVQISTPRPV  240

Qy  139 ELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTI  198
        :  : ||  :|||||| : :  || | : ||  ||            : ||||
Db  241 KLLRGHTLVLNCTATTPLNTRVQMTWSYPDEKNKRASVRRR--IDQSNSHANIFYSVLTI  298

Qy  199 DGVTRSDQGLYTCAASGLMTKKNSTFVRVHEK-----------DKTHTCPCPAPELLGGP  249
        |  :  : ||||   : :  :| || : |            | |||||||||||||||
Db  299 DKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSCDKTHTCPPCPAPELLGGP  358

Qy  250 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS  309
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  359 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS  418

Qy  310 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL  369
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  419 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL  478

Qy  370 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ  429
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  479 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ  538

Qy  430 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||
Db  539 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 567

RESULT 9
US-09-773-877B-14
; Sequence 14, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 557
; TYPE: PRT
; ORGANISM: Artificial Sequence
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;  FEATURE:
;, OTHER INFORMATION: Flt1(1-3 deltaB)-Fc (Mut1)
US-09-773-877B-14

Query Match          82.2%;   Score 2003.5;  DB 4;  Length 557;
Best Local Similarity  69.4%;  Pred. No. 4.9e-160;
Matches  395; Conservative  10;  Mismatches  41;  Indels  123;  Gaps  3;

Qy     1  MVSYWDTGVLLCALLSCLLLTGSSSG------------------------------  26
          ||||||||||||||||||||||||||
Db     1  MVSYWDTGVLLCALLSCLLLTGSSSGSGSKLKDPELSLKGTQHIMQAGQTLHLQCRGEAAHK  60

Qy    27  ---------------------------------------------------------  26
Db    61  WSLPEMVSKESERLSITKSACGRNGKQFCSTLNTAQANHTGFYSCKYLAVPTSKKKET  120

Qy    27  ------SDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVLKKFPLDTLIPD  78
                ||||||||||||||||||||||||||||||||||||||||||||||
Db   121  ESAIYIFISDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVLKKFPLDTLIPD  180

Qy    79  GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGI  138
          |||||||||||||||||||||||||||||||||||||||||||||||||| :
Db   181  GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVQISTPRPV  240

Qy   139  ELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFPLSTLTI  198
          :|__|_||||||||||_||||||||          ||  ||||___|||||||
Db   241  KLLRGHTLVLNCTATTPLNTRVQMTWSYP----------DEIDQSNSHANIFYSVLTI  288

Qy   199  DGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---------DKTHTCPPCPAPELLGGP  249
          |  :||:||||||||:||:  || |:  ||||          ||||||||||||||||||
Db   289  DKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPEPKSCDKTHTCPPCPAPELLGGP  348

Qy   250  SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS  309
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   349  SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS  408

Qy   310  TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL  369
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   409  TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL  468

Qy   370  TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ  429
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   469  TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ  528

Qy   430  QGNVFSCSVMHEALHNHYTQKSLSLSPGK  458
          |||||||||||||||||||||||||||||
Db   529  QGNVFSCSVMHEALHNHYTQKSLSLSPGK  557


RESULT 10
US-08-227-496C-15
; Sequence 15, Application US/08227496C
; Patent No. 6130202
; GENERAL INFORMATION:
; APPLICANT: Greve, Jeffrey M.
; APPLICANT: McClelland, Alan
; TITLE OF INVENTION: Multimeric Forms of Human
; TITLE OF INVENTION: Rhinovirus Receptor Protein
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bayer Corporation
; STREET: 400 Morgan Lane
; CITY: West Haven
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06516
; COMPUTER READABLE FORM:
; MEDIUM TYPE: diskette, 1.44 Mb storage
; COMPUTER: Dell OptiPlex GX1
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WordPerfect 8.0 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/227,496C
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;  FILING DATE: 04/14/94
;  CLASSIFICATION: 514
;  PRIOR APPLICATION DATA:
;  APPLICATION NUMBER: 07/903,069
;  FILING DATE: 06/22/92
;  APPLICATION NUMBER: 07/704,984
;  FILING DATE: 05/24/91
;  APPLICATION NUMBER: 07/556,238
;  FILING DATE: 07/20/90
;  ATTORNEY/AGENT INFORMATION:
;  NAME: Barbara A. Shimei
;  REGISTRATION NUMBER: 29,862
;  REFERENCE/DOCKET NUMBER: MTI 214.2C
;  TELECOMMUNICATION INFORMATION:
;  TELEPHONE: (203) 812-2786
;  TELEFAX: (203) 812-5492
;  INFORMATION FOR SEQ ID NO: 15:
;  SEQUENCE CHARACTERISTICS:
;  LENGTH: 680 amino acid residues
;  TYPE: amino acids
;  TOPOLOGY: linear
;  MOLECULE TYPE:
;  DESCRIPTION: protein
;  HYPOTHETICAL: no
;  FRAGMENT TYPE: complete sequence
;  FEATURE:
;  NAME/KEY: tICAM(185)/IgG fusion protein
;  OTHER INFORMATION: amino acid residues 1-453 =
;  OTHER INFORMATION: tICAM(453); amino acid residues 454-680 = amino
;  OTHER INFORMATION: acid residues 216-442 of human IgG1 heavy chain
US-08-227-496C-15

Query Match          53.5%;   Score 1304;  DB 3;  Length 680;
Best Local Similarity  60.6%;  Pred. No. 4.4e-101;
Matches  281; Conservative  30;  Mismatches  89;  Indels  64;  Gaps  15;

Qy    15  LSCLLLTGSSSGSGDTGRPFVEMYS-EIPEII---HMTEGRELVIPCRVTSPNITVTLKK  69
          |:|:.||. :: |||                  ::|.:::                ||
Db   261  LTCAVILGNQSQETL--QTVTIYSFPAPNVLTKPEVSEGTEVTVKCE-AHPRAKVTLNG  317

Qy    70  FPLDTLIPDGKRIIWDSRKGFIISNATYKEIG-LLTCEATVNGHLYKTNYLTHRQTNTII  128
          |||| :  ||                  : .|                ::
Db   318  VPAQPLGP---------------RAQLLKATPEDNGRSFSCSAT---LEVAGQLIHKNQTREL  363

Qy   129  DVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSE  188
                                 : ||
Db   364  RVLYGP-----RLDER--DCPG-----------NWTWPENSQQTP----MCQAWGN  397

Qy   189  MKKFLSTLTIDG------------VTRSDQGLYTCAASS--GLMTKKNSTFV-RVHEKDKT  234
                               :||                :: :: ||   ||
Db   398  PLPELKCLK-DGTFPLPIGESVTVTRDLEGTYLCRARSTQGEVTRKVTVNVLSPRYEDKT  456

Qy   235  HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE  294
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   457  HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE  516

Qy   295  VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP  354
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   517  VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP  576

Qy   355  REPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS  414
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   577  REPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS  636

Qy   415  FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK  458
          |||||||||||||||||||||||||||||||||||||||||||
Db   637  FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK  680


RESULT 11
US-09-499-846-6
; Sequence 6, Application US/09499846
; Patent No. 6656728
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RESULT 12
US-09-499-846-2
; Sequence 2, Application US/09499846
; Patent No. 6656728
; GENERAL INFORMATION:
; APPLICANT: Kavanaugh et al.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
; TITLE OF INVENTION: RECEPTOR-IMMUNOGLOBULIN FUSION
; FILE REFERENCE: 035784/195012 (5784-
; CURRENT APPLICATION NUMBER: US/09/499,846
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 622
; TYPE: PRT
; ORGANISM: Homo sapiens

Query Match   52.5%;   Score 1280;   DB 4;   Length 497;
Best Local Similarity   54.3%;   Pred. No. 2.9e-99;
Matches 284;   Conservative 32;   Mismatches 109;   Indels 98;   Gaps 12;

Qy   5 WDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVT------ 59
           :::   ::||||::||::|: ||||
Db   4 WKCLLFWAVLVTATLCTARPSPTLPEQP-VAPYWTSPE--KMEKKLHAVPAAKTVKFKC 59

Qy   60 ----SPNITVTLKKFPLDTLIPDGKRIIWDSR-KGFIISNATYKEI--------GLLTC 105
           ||| |::| :|: ::|: ||:|||
Db   60 PSSGTPNPTLRWLK-------NGKEFKPDHRIGGYKVRYATWSIIMDSVVPSDKGNYTC 111

Qy   106 -----EATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGI 160
                ::|||| ::|: |||
Db   112 IVENEYGSIN-HTYQ-----------LDVVERSPHRPILQAG---LPANKTVALGSNV 154

Qy   161 DFNWEYPSSKHQHKKLVN--------------RDLKTQSGSEMKKFLSTLTIDGVTR 203
           ::|:
Db   155 EFMCKKVYSDDPQPHIQWLKHIEVNGSKIGPDNLPYVQILKTAGVNTTDKEMEVLHLRNVSF 214

Qy   204 SDQGLYTCAASSGLMTKKNSTFVRVHEK----------------DKTH 235
           ::|: ||||
Db   215 EDAGEYTCLAGNSIGLSHHSAWLTVLEALEERPAVMTSPLYLEGSGSPGLQEPKSCDKTH 274

Qy   236 TCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV 295
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   275 TCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV 334

Qy   296 HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPR 355
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   335 HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPR 394

Qy   356 EPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSF 415
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   395 EPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSF 454

Qy   416 FLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
           |||||||||||||||||||||||||||||||||||||||||||
Db   455 FLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 497

RESULT 13
US-09-313-942-28
; Sequence 28, Application US/09313942
; Patent No. 6472179
; GENERAL INFORMATION:
; APPLICANT: REGENERON PHARMACEUTICALS, INC.
; TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
; TITLE OF INVENTION: AND USING
; FILE REFERENCE: REG 203-A
; CURRENT APPLICATION NUMBER: US/09/313,942
; CURRENT FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 09/313,942
; PRIOR FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 60/101,858
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 910
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-313-942-28

Query Match   52.3%;   Score 1275.5;   DB 4;   Length 910;
Best Local Similarity   63.5%;   Pred. No. 1.7e-98;
Matches 257;   Conservative 42;   Mismatches 77;   Indels 29;   Gaps 9;

GENERAL INFORMATION:
; APPLICANT: Kavanaugh et al.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
; TITLE OF INVENTION: RECEPTOR-IMMUNOGLOBULIN FUSION
; FILE REFERENCE: 035784/195012 (5784-
; CURRENT APPLICATION NUMBER: US/09/499,846
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 497
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-499-846-6

Query Match   52.5%;   Score 1279.5;   DB 4;   Length 622;
Best Local Similarity   51.2%;   Pred. No. 4.5e-99;
Matches 287;   Conservative 34;   Mismatches 100;   Indels 139;   Gaps 13;

Qy   6 DTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIP-------EIIHMTEGREL------ 52
           :|:   : :: ||||||
Db   95 DSGLYAC------------VTSSPSGSDITYFSVNVSDALFSSEDDDDDSSEKETDNTKPN 147

Qy   53 ------------------VIPCRVT--------SPNITVTLKKFPLDTLIPDGKRIIWDS 86
                               :|: |:   :|:|
Db   148 PVAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSGTPNPTLRWLK-----NGKEFKPDH 199

Qy   87 R-KGFIISNATYKEI-----------GLLTC-----EATVNGHLYKTNYLTHRQTNTIIDVV 131
            :||||||||||| |||| ::|::|:|::|: |||:   ::||
Db   200 RIGGYKVRYATWSIIMDSVVPSDKGNYTCIVENEYGSIN-HTYQ---------LDVV 246

Qy   132 LSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVN---------- 178
           | :
Db   247 ERSPHRPILQAG---LPANKTVALGSNVEFMCKVYSDPQPHIQWLKHIEVNGSKIGPDN 302

Qy   179 ----RDLKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRHEK--- 231
               ||:|| :||||||:::|||||| :::
Db   303 LPYVQILKTAGVNTTDKEMEVLHLRNVSFEDAGEYTCLAGNSIGLSHHSAWLTVLEALEE 362

Qy   232 ------------------------------DKTHTCPPCPAPELLGGPSVFLFPPKP 258
                                         |||||||||||||||||||||||||||||
Db   363 RPAVMTSPLYLESRGLVPRGSGSPGLQEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKP 422

Qy   259 KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT 318
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   423 KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT 482

Qy   319 VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTC 378
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   483 VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTC 542

Qy   379 LVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSV 438
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   543 LVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSV 602

Qy   439 MHEALHNHYTQKSLSLSPGK 458
           |||||||||||||||||||
Db   603 MHEALHNHYTQKSLSLSPGK 622

```
Qy  300  TKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV 359
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  367  TKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQV 426

Qy  360  YTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYS 419
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  427  YTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYS 486

Qy  420  KLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
         |||||||||||||||||||||||||||||||||||||||
Db  487  KLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 525
```

RESULT 15
US-09-499-846-12
; Sequence 12, Application US/09499846
; Patent No. 6656728
; GENERAL INFORMATION:
; APPLICANT: Kavanaugh et al.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
; TITLE OF INVENTION: RECEPTOR-IMMUNOGLOBULIN FUSION
; FILE REFERENCE: 035784/195012 (5784-
; CURRENT APPLICATION NUMBER: US/09/499,846
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 488
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-499-846-12

Query Match   52.1%;   Score 1269.5;   DB 4;   Length 488;
Best Local Similarity   54.9%;   Pred. No. 2.2e-98;
Matches   282;   Conservative   32;   Mismatches 111;   Indels 89;   Gaps 12;

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Qy    5  WDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVT----- 59
Db    4  WKCLLFWAVLVTATLCTARPSTLPEQP-VAPYWTSPE---KMEKKLHAVPAAKTVKFKC 59

Qy   60  ----SPNITVTLKKFPLDTLIPDGKRIIWDSR-KGFIISNATYKEI--------GLLTC 105
Db   60  PSSGTPNPTLRWLK------------NGKEFKPDHRIGGYKVRYATWSIIMDSVVPSDKGNYTC 111

Qy  106  -----EATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGI 160
Db  112  IVENEYGSIN-HTYQ------------LDVVERSPHRPILQAG---LPANKTVALGSNV 154

Qy  161  DFNWEYPSSKHQHKKLVN----------------RDLKTQSGSEMKKFLSTLTIDGVTR 203
Db  155  EFMCKVYSDPQPHIQWLKHIEVNGSKIGPDNLPYVQILKTAGVNTTDKEMEVLHLRNVSF 214

Qy  204  SDQGLYTCAASSGLMTKKNSTFVRVHEK--------------------DKTHTCPPCPAPE 244
Db  215  EDAGEYTCLAGNSIGLSHHSAWLTVLEALEERPAVMTSPLYLEPKSCDKTHTCPPCPAPE 274

Qy  245  LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE 304
         |:||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  275  LEGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE 334

Qy  305  EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVVTLPP 364
Db  335  EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPASIEKTISKAKGQPREPQVVTLPP 394

Qy  365  SRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 424
Db  395  SRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 454

Qy  425  KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
Db  455  KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 488
```

```
Qy   78  DGKRIIWDS------RKGFIISNATYKEIGLLTCEA--TVNGHLYK----TNYLTHRQTN 125
Db  511  DCKPLLLDNIHFSGVKDRLIVMNVAEKHRGNYTCHASYTYLGKQYPITRVIEFITLEENK 570

Qy  126  TIIDVVLSPSH-GIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQ 184
Db  571  PTRPVIVSPANETMEVDLGSQIQLICNVTGQLSDIAYWKWN-GSVIDEDDPVLGEDYYSV 629

Qy  185  SGSEMKKFLSTLTIDGVTRSDQGLY----TCAASS--GLMTKKNSTFVRV-----HEKDK 233
Db  630  ENPANKRRSTLITVLNISEISRFYKHPFTCFAKNTHGI----DAAYIQLIYPVTNSGDK 685

Qy  234  THTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 293
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  686  THTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 745

Qy  294  EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 353
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  746  EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 805

Qy  354  PREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG 413
         ||||||||||||||  |||||||||||||||||||||||||||||||||||||||||||
Db  806  PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG 865

Qy  414  SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
         |||||||||||||||||||||||||||||||||||||||||||||
Db  866  SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 910
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RESULT 14
US-09-499-846-4
; Sequence 4, Application US/09499846
; Patent No. 6656728
; GENERAL INFORMATION:
; APPLICANT: Kavanaugh et al.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
; TITLE OF INVENTION: RECEPTOR-IMMUNOGLOBULIN FUSION
; FILE REFERENCE: 035784/195012 (5784-
; CURRENT APPLICATION NUMBER: US/09/499,846
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 525
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-499-846-4

Query Match   52.3%;   Score 1274.5;   DB 4;   Length 525;
Best Local Similarity   59.0%;   Pred. No. 9.2e-99;
Matches   271;   Conservative   25;   Mismatches 78;   Indels 85;   Gaps 9;

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Qy   60  SPNITVTLKKFPLDTLIPDGKRIIWDSR-KGFIISNATYKEI--------GLLTC---- 105
Db   92  TPNPTLRWLK------NGKEFKPDHRIGGYKVRYATWSIIMDSVVPSDKGNYTCIVEN 143

Qy  106  -EATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNW 164
Db  144  EYGSIN-HTYQ------------LDVVERSPHRPILQAG---LPANKTVALGSNVEFMC 186

Qy  165  EYPSSKHQHKKLVN----------------RDLKTQSGSEMKKFLSTLTIDGVTRSDQG 207
Db  187  KVYSDPQPHIQWLKHIEVNGSKIGPDNLPYVQILKTAGVNTTDKEMEVLHLRNVSFEDAG 246

Qy  208  LYTCAASSGLMTKKNSTFVRVHEK-------------------DKTHTCPP 239
Db  247  EYTCLAGNSIGLSHHSAWLTVLEALEERPAVMTSPLYLEGSGSPGLQEPKSCDKTHTCPP 306

Qy  240  CPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK 299
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  307  CPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK 366
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Thu Nov 10 16:47:22 2005

us-10-009-852-16.rai

Search completed: November 2, 2005, 21:03:56
Job time : 27 secs

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OM protein - protein search, using sw model

                  GenCore version 5.1.6
              Copyright (c) 1993 - 2005 Compugen Ltd.

Run on:      November 2, 2005, 21:03:33  ; Search time 170 Seconds
                                          (without alignments)
                                          1126.257 Million cell updates/sec

Title:       US-10-009-852-16
Perfect score: 2437
Sequence:    1 MVSYWDTGVLLCALLSCLLL..........MHEALNHYTQKSLSLSPGK 458

Scoring table: BLOSUM62
             Gapop 10.0 , Gapext 0.5

Searched:    1865214 seqs, 41804040 residues

Total number of hits satisfying chosen parameters:    1865214

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :   Published Applications AA:*
     1:  /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
     2:  /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
     3:  /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*
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     5:  /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*
     6:  /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*
     7:  /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:*
     8:  /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
     9:  /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:*
    10:  /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep:*
    11:  /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep:*
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    13:  /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
    14:  /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
    15:  /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*
    16:  /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep:*
    17:  /cgn2_6/ptodata/2/pubpaa/US10E_PUBCOMB.pep:*
    18:  /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*
    19:  /cgn2_6/ptodata/2/pubpaa/US11A_PUBCOMB.pep:*
    20:  /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
    21:  /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*
    22:  /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Match 100.0	Length	DB	ID	Description		
1	2437	100.0		458	10	US-09-773-877A-26	Sequence 26, Appl		
2	2437	100.0		458	15	US-10-609-775-10	Sequence 10, Appli		
3	2437	100.0		458	16	US-10-860-958-2	Sequence 2, Appli		
4	2437	100.0		458	17	US-10-830-902-2	Sequence 2, Appli		
5	2437	100.0		458	17	US-10-897-802-2	Sequence 2, Appli		
6	2437	100.0		458	17	US-10-880-021-10	Sequence 10, Appl		
7	2437	100.0		458	17	US-10-909-011-4	Sequence 4, Appl		
8	2437	100.0		458	18	US-10-988-243-16	Sequence 16, Appl		
9	2437	100.0		458	18	US-10-998-881-4	Sequence 4, Appl		
10	2437	100.0		458	18	US-11-016-097-16	Sequence 16, Appli		
11	2437	100.0		458	20	US-11-039-144-2	Sequence 2, Appli		
12	2399	98.4		458	10	US-09-773-877A-22	Sequence 22, Appl		
13	2399	98.4		458	15	US-10-609-775-8	Sequence 8, Appli		
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15	2399	98.4		458	17	US-10-909-011-2	Sequence 2, Appli		
16	2399	98.4		458	18	US-10-988-243-12	Sequence 12, Appl		
17	2399	98.4		458	20	US-10-998-881-2	Sequence 2, Appl		
18	2399	98.4		458	17	US-11-016-097-12	Sequence 12, Appl		
19	2384	97.8		458	17	US-10-855-559-13	Sequence 13, Appl		
20	2297	94.3		432	16	US-10-846-477A-16	Sequence 16, Appl		
21	2261	92.8		431	10	US-09-773-877A-27	Sequence 27, Appl		
22	2256.5	92.6		430	20	US-11-016-097-17	Sequence 17, Appl		
23	2203	90.4		434	17	US-10-880-021-29	Sequence 29, Appl		
24	2069.5	84.9		455	10	US-09-773-877A-24	Sequence 24, Appl		
25	2069.5	84.9		455	15	US-10-609-775-13	Sequence 13, Appl		
26	2069.5	84.9		455	17	US-10-880-021-13	Sequence 13, Appl		
27	2069.5	84.9		455	18	US-10-988-243-14	Sequence 14, Appl		
28	2049	84.9		455	20	US-11-016-097-14	Sequence 14, Appl		
29	2049	84.1		462	10	US-09-773-877A-18	Sequence 18, Appl		
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33	2038	83.6		452	18	US-10-988-243-6	Sequence 6, Appli		
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35	2015.5	82.7		567	10	US-09-773-877A-20	Sequence 20, Appli		
36	2015.5	82.7		567	18	US-10-988-243-10	Sequence 10, Appli		
37	2015.5	82.7		567	20	US-11-016-097-10	Sequence 10, Appl		
38	2014.5	82.7		567	10	US-09-773-877A-12	Sequence 12, Appl		
39	2014.5	82.7		567	18	US-10-988-243-2	Sequence 2, Appli		
40	2014.5	82.7		567	20	US-11-016-097-2	Sequence 2, Appli		
41	2003.5	82.2		557	10	US-09-773-877A-14	Sequence 14, Appli		
42	2003.5	82.2		557	18	US-10-988-243-4	Sequence 4, Appli		
43	2003.5	82.2		557	20	US-11-016-097-4	Sequence 4, Appli		
44	1726.5	70.8		934	14	US-10-232-838-17	Sequence 17, Appl		
45	1716	70.4		949	18	US-10-232-838-18	Sequence 18, Appl		

ALIGNMENTS

RESULT 1
US-09-773-877A-26
  ; Sequence 26, Application US/09773877A
  ; Publication No. US20030001977A1
  ; GENERAL INFORMATION:
  ; APPLICANT: Xia, Yu-Ping et al.
  ; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
  ; FILE REFERENCE: REG 710b
  ; CURRENT APPLICATION NUMBER: US/09/773,877A
  ; CURRENT FILING DATE: 2001-01-31
  ; NUMBER OF SEQ ID NOS: 27
  ; SOFTWARE: Patentin version 3.0
  ; SEQ ID NO 26
  ; LENGTH: 458
  ; TYPE: PRT
  ; ORGANISM: Artificial Sequence
  ; FEATURE:
  ; OTHER INFORMATION: VEGFR1R2-FcdeltaC1(a) Receptor
US-09-773-877A-26

  Query Match   100.0%;   Score 2437;   DB 10;   Length 458;
  Best Local Similarity   100.0%;   Pred. No. 3.6e-152;
  Matches   458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
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Db   1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
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Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120

Qy   121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
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Db   121  HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKQHKKLVNRD  180
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Qy   301  KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY  360
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RESULT 2
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; Sequence 10, Application US/10609775
; Publication No. US20040014667A1
; GENERAL INFORMATION:
; APPLICANT: Thomas J. Daly
; APPLICANT: James P. Fandl
; APPLICANT: Nicholas J. Papadopoulos
; TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: REG 710D
; CURRENT APPLICATION NUMBER: US/10/609,775
; CURRENT FILING DATE: 2003-06-30
; PRIOR APPLICATION NUMBER: 10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-609-775-10

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Best Local Similarity 100.0%;  Pred. No. 3.6e-152;
Matches  458;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

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Db   181  LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC  240
Qy   241  PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300
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Db   241  PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300
Qy   301  KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY  360
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Db   301  KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY  360
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Qy   421  LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK  458
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RESULT 3
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; Sequence 2, Application US/10860958
; Publication No. US20040265309A1
; GENERAL INFORMATION:
; APPLICANT: Kandel, Jessica
; APPLICANT: Holash, Jocelyn
; APPLICANT: Yamashiro, Darrell
; APPLICANT: Huang, Jianzhong
; APPLICANT: Yancopoulos, George
; APPLICANT: Rudge, John
; TITLE OF INVENTION: Method of Tumor Regression with VEGF
; TITLE OF INVENTION: Inhibitors
; FILE REFERENCE: REG 714A
; CURRENT APPLICATION NUMBER: US/10/860,958
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: 60/476,425
; PRIOR FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-860-958-2

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Best Local Similarity 100.0%;  Pred. No. 3.6e-152;
Matches  458;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy     1  MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60
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Db     1  MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60
Qy    61  PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    61  PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120
Qy   121  HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKQHKKLVNRD  180
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121  HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKQHKKLVNRD  180
Qy   181  LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC  240
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   181  LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC  240
Qy   241  PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300
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Db   241  PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300
Qy   301  KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY  360
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Db   301  KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY  360
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Db   361  TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK  420
Qy   421  LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK  458
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Db    421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458

RESULT 4
US-10-830-902-2
; Sequence 2, Application US/10830902
; Publication No. US2005004027A1
; GENERAL INFORMATION:
;   APPLICANT: Stanley Wiegand
;   APPLICANT: Jingtai Cao
;   APPLICANT: Claus Cursiefien
;   TITLE OF INVENTION: Method of Treating Corneal Transplant
;   TITLE OF INVENTION: Rejection
;   FILE REFERENCE: REG 713B
;   CURRENT APPLICATION NUMBER: US/10/830,902
;   CURRENT FILING DATE: 2004-04-23
;   NUMBER OF SEQ ID NOS: 2
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;   LENGTH: 458
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-830-902-2

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Best Local Similarity 100.0%;   Pred. No. 3.6e-152;
Matches  458;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

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Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
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Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180

Qy  181 LKTQSGSEMKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
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Db  181 LKTQSGSEMKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240

Qy  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
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Db  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300

Qy  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360
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Db  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360

Qy  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
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Db  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420

Qy  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
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Db  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458

RESULT 5
US-10-897-802-2
; Sequence 2, Application US/10897802
; Publication No. US2005003269A1
; GENERAL INFORMATION:
;   APPLICANT: Jocelyn Holash
;   APPLICANT: Robert Jaffe
;   APPLICANT: Limin Hu
;   APPLICANT: George D. Yancopoulos
;   TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent
;   FILE REFERENCE: REG 715B
;   CURRENT APPLICATION NUMBER: US/10/897,802
;   CURRENT FILING DATE: 2004-07-23
;   PRIOR APPLICATION NUMBER: 60/493,971
;   PRIOR FILING DATE: 2003-08-08
;   NUMBER OF SEQ ID NOS: 2
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;   LENGTH: 458
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-897-802-2

Query Match          100.0%;   Score 2437;   DB 17;   Length 458;
Best Local Similarity 100.0%;   Pred. No. 3.6e-152;
Matches  458;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
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Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
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Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180

Qy  181 LKTQSGSEMKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Qy  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
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Db  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300

Qy  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360
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Qy  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420

Qy  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
          ||||||||||||||||||||||||||||||||||||||
Db  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458

RESULT 6
US-10-880-021-10
; Sequence 10, Application US/10880021
; Publication No. US2005004336A1
; GENERAL INFORMATION:
;   APPLICANT: Daly, thomas J.
;   APPLICANT: Fandl, James P.
;   APPLICANT: Papadopoulos, Nicholas J.
;   TITLE OF INVENTION: VEGF Traps and Therapeutic Uses Thereof
;   FILE REFERENCE: RGE 710D2
;   CURRENT APPLICATION NUMBER: US/10/880,021
;   CURRENT FILING DATE: 2004-06-29
;   PRIOR APPLICATION NUMBER: 10/609,775
;   PRIOR FILING DATE: 2003-06-30
;   NUMBER OF SEQ ID NOS: 29
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10
;   LENGTH: 458
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-880-021-10

Query Match          100.0%;   Score 2437;   DB 17;   Length 458;
Best Local Similarity 100.0%;   Pred. No. 3.6e-152;
Matches  458;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

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Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD  180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD  180

Qy  181 LKTQSGSEMKKFLSTLTLIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  181 LKTQSGSEMKKFLSTLTLIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240

Qy  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300

Qy  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY  360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY  360

Qy  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK  420
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK  420

Qy  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK  458
        ||||||||||||||||||||||||||||||||||||||
Db  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK  458
```

RESULT 7
US-10-909-011-4
; Sequence 4, Application US/10909011
; Publication No. US20050112061A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsberger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: REG 716A
; CURRENT APPLICATION NUMBER: US/10/909,011
; CURRENT FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; PRIOR FILING DATE: 2003-08-06
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-909-011-4

Query Match   100.0%; Score 2437; DB 17; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD  180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD  180
```

RESULT 8
US-10-988-243-16
; Sequence 16, Application US/10988243
; Publication No. US20050175610A1
; GENERAL INFORMATION:
; APPLICANT: Wiegand, Stanley
; APPLICANT: Papadopoulos, Nicholas J.
; APPLICANT: Yancopoulos, George
; TITLE OF INVENTION: Modified Chimeric Polypeptides with Improved Pharmacokinectic Pro
; TITLE OF INVENTION: and Methods of Making and Using Thereof
; FILE REFERENCE: REG 710F
; CURRENT APPLICATION NUMBER: US/10/988,243
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-988-243-16

Query Match   100.0%; Score 2437; DB 18; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS   60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT  120

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD  180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD  180

Qy  181 LKTQSGSEMKKFLSTLTLIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  181 LKTQSGSEMKKFLSTLTLIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240

Qy  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT  300
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Qy  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360

Qy  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420

Qy  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        ||||||||||||||||||||||||||||||||||||||
Db  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
```

RESULT 9
US-10-998-881-4
; Sequence 4, Application US/10998881
; Publication No. US20050196340A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsberger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: 716B
; CURRENT APPLICATION NUMBER: US/10/998,881
; CURRENT FILING DATE: 2004-11-29
; PRIOR APPLICATION NUMBER: 10/909,011
; PRIOR FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; PRIOR FILING DATE: 2003-08-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-998-881-4

Query Match   100.0%;   Score 2437; DB 18; Length 458;
Best Local Similarity 100.0%;   Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180

Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240

Qy  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300

Qy  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360

Qy  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420

Qy  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        ||||||||||||||||||||||||||||||||||||||
Db  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
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RESULT 10
US-11-016-097-16
; Sequence 16, Application US/11016097
; Publication No. US20050163798A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas J. Papadopoulos et al.
; TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED
; TITLE OF INVENTION: PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING
; TITLE OF INVENTION: AND USING THEREOF
; FILE REFERENCE: REG 710-A-US
; CURRENT APPLICATION NUMBER: US/11/016,097
; CURRENT FILING DATE: 2004-12-17
; PRIOR APPLICATION NUMBER: US/10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-016-097-16

Query Match   100.0%;   Score 2437; DB 20; Length 458;
Best Local Similarity 100.0%;   Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180

Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240

Qy  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300

Qy  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360

Qy  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420

Qy  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        ||||||||||||||||||||||||||||||||||||||
Db  421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
```

RESULT 11
US-11-039-144-2
; Sequence 2, Application US/11039144
; Publication No. US20050197291A1
; GENERAL INFORMATION:
; APPLICANT: Stanley Wiegand
; APPLICANT: Jingtai Cao

```
;  APPLICANT: Claus Cursiefien
;  TITLE OF INVENTION: Method of Treating Corneal Transplant
;  TITLE OF INVENTION: Rejection In High Risk Keratoplasty Patients
;  FILE REFERENCE: 713C
;  CURRENT APPLICATION NUMBER: US/11/039,144
;  CURRENT FILING DATE: 2005-01-19
;  PRIOR APPLICATION NUMBER: 10/830,902
;  PRIOR FILING DATE: 2004-04-23
;  PRIOR APPLICATION NUMBER: 60/473,734
;  PRIOR FILING DATE: 2003-05-28
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: FastSEQ for Windows Version 4.0
;  SEQ ID NO 2
;    LENGTH: 458
;    TYPE: PRT
;    ORGANISM: homo sapiens
US-11-039-144-2

Query Match      100.0%;  Score 2437;  DB 20;  Length 458;
Best Local Similarity  100.0%;  Pred. No. 3.6e-152;
Matches  458;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60

Qy  61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120

Qy 121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180

Qy 181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240

Qy 241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300

Qy 301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360

Qy 361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420

Qy 421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        ||||||||||||||||||||||||||||||||||||||
Db 421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458


RESULT 12
US-09-773-877A-22
;  Sequence 22, Application US/09773877A
;  Publication No. US20030017977A1
;  GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877A
;  CURRENT FILING DATE: 2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
;  SEQ ID NO 22
;    LENGTH: 458
;    TYPE: PRT
;    ORGANISM: Artificial Sequence
;    FEATURE:
;    OTHER INFORMATION: Flt1D2.Flk1D3.FcdeltaC1(a) Receptor
```

```
US-09-773-877A-22

Query Match      98.4%;  Score 2399;  DB 10;  Length 458;
Best Local Similarity  98.7%;  Pred. No. 1.1e-149;
Matches  455;  Conservative  0;  Mismatches  0;  Indels  6;  Gaps  2;

Qy   1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
        |||||||||||||||||||||||||||   |||||||||||||||||||||||||||||
Db   1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57

Qy  61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117

Qy 121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 118 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 177

Qy 181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK--DKTHTC 237
        ||||||||||||||||||||||||||||||||||||||||||||||||||   |||||
Db 178 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKGPGDKTHTC 237

Qy 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297

Qy 298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357

Qy 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417

Qy 418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||||||||||||||
Db 418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458


RESULT 13
US-10-609-775-8
;  Sequence 8, Application US/10609775
;  Publication No. US2004014667A1
;  GENERAL INFORMATION:
;  APPLICANT: Thomas J. Daly
;  APPLICANT: James P. Fandl
;  APPLICANT: Nicholas J. Papadopoulos
;  TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF
;  FILE REFERENCE: REG 710D
;  CURRENT APPLICATION NUMBER: US/10/609,775
;  CURRENT FILING DATE: 2003-06-30
;  PRIOR APPLICATION NUMBER: 10/009,852
;  PRIOR FILING DATE: 2001-12-06
;  PRIOR APPLICATION NUMBER: PCT/US00/14142
;  PRIOR FILING DATE: 2000-05-23
;  PRIOR APPLICATION NUMBER: 60/138,133
;  PRIOR FILING DATE: 1999-06-08
;  NUMBER OF SEQ ID NOS: 25
;  SOFTWARE: FastSEQ for Windows Version 4.0
;  SEQ ID NO 8
;    LENGTH: 458
;    TYPE: PRT
;    ORGANISM: homo sapiens
US-10-609-775-8

Query Match      98.4%;  Score 2399;  DB 15;  Length 458;
Best Local Similarity  98.7%;  Pred. No. 1.1e-149;
Matches  455;  Conservative  0;  Mismatches  0;  Indels  6;  Gaps  2;

Qy   1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
        |||||||||||||||||||||||||||   |||||||||||||||||||||||||||||
Db   1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57
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RESULT 14
US-10-880-021-8
; Sequence 8, Application US/10880021
; Publication No. US2005004326A1
; GENERAL INFORMATION:
; APPLICANT: Daly, thomas J.
; APPLICANT: Fandl, James P.
; APPLICANT: Papadopoulos, Nicholas J.
; TITLE OF INVENTION: VEGF Traps and Therapeutic Uses Thereof
; FILE REFERENCE: RGE 710D2
; CURRENT APPLICATION NUMBER: US/10/880,021
; CURRENT FILING DATE: 2004-06-29
; PRIOR APPLICATION NUMBER: 10/609,775
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-880-021-8

Query Match   98.4%;   Score 2399;   DB 17;   Length 458;
Best Local Similarity   98.7%;   Pred. No. 1.1e-149;
Matches   455;   Conservative   0;   Mismatches   0;   Indels   6;   Gaps   2;

```
Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
        ||||||||||||||||||||||||||   ||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  118 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 177

Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
        ||||||||||||||||||||||||||||||||||||||||||||||||||   ||||||
Db  178 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKGPGDKTHTC 237

Qy  238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297

Qy  298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357

Qy  358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417

Qy  418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||||||||||||||
Db  418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
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RESULT 15
US-10-909-011-2
; Sequence 2, Application US/10909011
; Publication No. US2005012061A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsberger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: REG 716A
; CURRENT APPLICATION NUMBER: US/10/909,011
; CURRENT FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; PRIOR FILING DATE: 2003-08-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-909-011-2

Query Match   98.4%;   Score 2399;   DB 17;   Length 458;
Best Local Similarity   98.7%;   Pred. No. 1.1e-149;
Matches   455;   Conservative   0;   Mismatches   0;   Indels   6;   Gaps   2;

```
Qy    1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
        ||||||||||||||||||||||||||   ||||||||||||||||||||||||||||||
Db    1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57

Qy   61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117

Qy  121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  118 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 177

Qy  181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
        ||||||||||||||||||||||||||||||||||||||||||||||||||   ||||||
Db  178 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKGPGDKTHTC 237

Qy  238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297

Qy  298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357

Qy  358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417

Qy  418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
        |||||||||||||||||||||||||||||||||||||||||
Db  418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
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Db   418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458

Search completed: November 2, 2005, 21:16:38
Job time : 172 secs